

Asphalt Shingle Roofing Bids

WAUSAU ROOFING & SIDING CO

Summary of Roofing Proposals for Village of Kronenwetter

The combined proposals for the Village of Kronenwetter are to remove and replace approximately 34,300 sq ft of shingled roofing area, also to repair the south tower EPDM roof.

Wausau Roofing will:

- Remove and dispose of existing shingles
- Install 7/16 osb decking as needed at a cost of \$1.75 per sq ft. Approval will be sought before replacement of decking.
- Install leak barrier on the eaves and valleys
- Install new synthetic underlayment
- Install new valley metal in valleys
- Install new drip edge
- Install new sewer vent boots (pipe flashings)
- Install new ridge vent
- Install Owens Corning Duration Lifetime Shingle (Chateau Green)

The Anticipated start date is October 16, 2023, or sooner, this date is dependent on rain days from now until we start.

I anticipate approximately 4 weeks to complete this project, this is also dependent on rainy days.

The total cost of this project is \$144,751.00 with a down payment of \$72,375.50 due at the start of the project and the balance due upon completion.

Sincerely,

William Kind
Wausau Roofing and Siding Co
715-571-9229

Wausau Roofing and Siding Co
PO BOX 547
Wausau, WI 54402-0547

Phone: 715-675-1178
Cell: 715-571-9229
www.wausauroofers.com

Roofing Proposal

DATE: 9-21-23

CUSTOMER: VILLAGE OF KRONENWETTER	PHONE: 715-693-4200
STREET: 1582 KRONENWETTER DR	JOB NAME: ADMEN BUILDING
CITY, STATE, ZIP: KRONENWETTER 54455	JOB LOCATION:

Wausau Roofing and Siding Co. ("Company") hereby submits specifications and cost for:

- REMOVE AND DISPOSE OF EXISTING SHINGLES
- INSTALL 7/16 OSB DECKING (AS NEEDED) *ADD \$1.75 PER SQ. FT.
- INSTALL LEAK BARRIER ON EAVES AND IN VALLEYS
- INSTALL NEW UNDERLAYMENT
- INSTALL NEW VALLEY METAL
- INSTALL NEW DRIP EDGE (375')
- INSTALL NEW SEWER VENT BOOTS / CHIMNEY FLASHING
- INSTALL NEW RIDGE VENT / PEB VENTS
- INSTALL "GAF" TIMBERLINE HDZ LIFETIME SHINGLE
- INSTALL OWENS CORNING DURATION LIFETIME SHINGLE
- INSTALL ALUMINUM SOFFIT AND FASCIA

APPROXIMATELY 7450

Company agrees to furnish material and labor, in accordance with above specifications for the sum of:
THIRTY ONE THOUSAND TWO HUNDRED TWENTY THREE Dollars
 (\$ 31,233.00)

Payment to be made as follows: 50% to be paid upon acceptance of the Proposal and balance to be paid upon completion of the work.

TERMS AND CONDITIONS OF THIS PROPOSAL ON THE REVERSE SIDE ARE PART OF THE PROPOSAL AND MAY NOT BE MODIFIED BY ADDITIONAL TERMS OR DIFFERENT TERMS. THE SOLE MEANS OF ACCEPTANCE OF THIS PROPOSAL SHALL BE BY RETURN OF A COPY SIGNED BY AN AUTHORIZED AGENT OF THE CUSTOMER.

Authorized Signature Willy H. [Signature] *President*
 Above specifications & costs may be withdraw by us if not accepted within 30 days

This Proposal may only be accepted on the exact terms set forth herein, and no additional terms or different terms shall form the basis of a contract between Company and Customer pursuant to Wis. Stats. §402.207(2)(a).

Customer Signature _____ Date _____ / _____ / _____

Wausau Roofing and Siding Co
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Wausau, WI 54402-0547

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Roofing Proposal

DATE: 9-21-23

CUSTOMER: VILLAGE OF KRONENWETTER	PHONE: 715-693-4200
STREET: 1542 KRONENWETTER DR	JOB NAME: FIRE DEPT. BUILDING
CITY, STATE, ZIP: KRONENWETTER 54455	JOB LOCATION:

Wausau Roofing and Siding Co. ("Company") hereby submits specifications and cost for:

- REMOVE AND DISPOSE OF EXISTING SHINGLES
- INSTALL 7/16 OSB DECKING (AS NEEDED) *ADD \$1.75 PER SQ. FT.
- INSTALL LEAK BARRIER ON EAVES AND IN VALLEYS
- INSTALL NEW UNDERLAYMENT
- INSTALL NEW VALLEY METAL
- INSTALL NEW DRIP EDGE (550')
- INSTALL NEW SEWER VENT BOOTS / CHIMNEY FLASHING
- INSTALL NEW RIDGE VENT / PDB VENTS
- INSTALL "GAF" TIMBERLINE HDZ LIFETIME SHINGLE
- INSTALL OWENS CORNING DURATION LIFETIME SHINGLE
- INSTALL ALUMINUM SOFFIT AND FASCIA

APPROXIMATELY 178 SQ
MAKE REPAIRS TO EPDM ROOF ON THE SOUTH TOWER

Company agrees to furnish material and labor, in accordance with above specifications for the sum of:
SEVENTY FIVE THOUSAND ONE HUNDRED SIXTEEN Dollars
(\$75,116.00)

Payment to be made as follows: 50% to be paid upon acceptance of the Proposal and balance to be paid upon completion of the work.

TERMS AND CONDITIONS OF THIS PROPOSAL ON THE REVERSE SIDE ARE PART OF THE PROPOSAL AND MAY NOT BE MODIFIED BY ADDITIONAL TERMS OR DIFFERENT TERMS. THE SOLE MEANS OF ACCEPTANCE OF THIS PROPOSAL SHALL BE BY RETURN OF A COPY SIGNED BY AN AUTHORIZED AGENT OF THE CUSTOMER.

Authorized Signature *[Signature]* President
 Above specifications & costs may be withdraw by us if not accepted within 30 days

This Proposal may only be accepted on the exact terms set forth herein, and no additional terms or different terms shall form the basis of a contract between Company and Customer pursuant to Wis. Stats. §402.207(2)(a).

Customer Signature _____ Date _____

Wausau Roofing and Siding Co

PO BOX 547
Wausau, WI 54402-0547

Phone: 715-675-1178
Cell: 715-571-9229
www.wausauroofers.com

Roofing Proposal

DATE: 9-21-23

CUSTOMER: VILLAGE OF KRAEWENWETTER	PHONE: 715-693-4200
STREET: 1582 KRAEWENWETTER DR	JOB NAME: MAIN ENTRANCE + POLICE DEPT BUILDING
CITY, STATE, ZIP: KRAEWENWETTER 54455	JOB LOCATION:
Wausau Roofing and Siding Co. ("Company") hereby submits specifications and cost for:	

- REMOVE AND DISPOSE OF EXISTING SHINGLES
- INSTALL 7/16 OSB DECKING (AS NEEDED) *ADD \$1.75 PER SQ. FT.
- INSTALL LEAK BARRIER ON EAVES AND IN VALLEYS
- INSTALL NEW UNDERLAYMENT
- INSTALL NEW VALLEY METAL
- INSTALL NEW DRIP EDGE (600')
- INSTALL NEW SEWER VENT BOOTS / CHIMNEY FLASHING
- INSTALL NEW RIDGE VENT / PDB VENTS
- INSTALL "GAF" TIMBERLINE HDZ LIFETIME SHINGLE
- INSTALL OWENS CORNING DURATION LIFETIME SHINGLE
- INSTALL ALUMINUM SOFFIT AND FASCIA

APPROXIMATELY 91 SQ

Company agrees to furnish material and labor, in accordance with above specifications for the sum of: THIRTY EIGHT THOUSAND FOUR HUNDRED TWO Dollars
(\$38,402.⁰⁰)

Payment to be made as follows: 50% to be paid upon acceptance of the Proposal and balance to be paid upon completion of the work.

TERMS AND CONDITIONS OF THIS PROPOSAL ON THE REVERSE SIDE ARE PART OF THE PROPOSAL AND MAY NOT BE MODIFIED BY ADDITIONAL TERMS OR DIFFERENT TERMS. THE SOLE MEANS OF ACCEPTANCE OF THIS PROPOSAL SHALL BE BY RETURN OF A COPY SIGNED BY AN AUTHORIZED AGENT OF THE CUSTOMER.

Authorized Signature [Signature] President
Above specifications & costs may be withdraw by us if not accepted within 30 days

This Proposal may only be accepted on the exact terms set forth herein, and no additional terms or different terms shall form the basis of a contract between Company and Customer pursuant to Wis. Stats. §402.207(2)(a).

Customer Signature _____ Date _____

TERMS AND CONDITIONS OF PROPOSAL

TERMS - The terms and conditions set forth herein contain the entire agreement between Wausau Roofing and Siding Co. ("Company") and Customer with respect to the subject matter hereof, and supersede all prior, contemporaneous or collateral representations, agreements, understandings, inducements or conditions, expressed or implied, oral or written, relating hereto, except as contained in this Proposal. The terms and conditions set forth herein cannot be modified, amended, added to, or otherwise changed unless such modification, addition or change is reflected in writing signed by both Company and Customer. No course of dealing or usage of trade or course of performance shall be relevant to explain or supplement any term expressed in this Proposal. Acceptance of this order by Company shall be deemed to constitute an agreement on Customer's part to the conditions hereof and supersedes all previous agreements.

INTEREST - Interest will be added to all overdue or otherwise delinquent accounts at the rate of 1.5% per month (18% per annum) or the maximum legal interest allowable, if less. In addition, Customer agrees to pay Company's reasonable attorney and/or collection fees and expenses, as permitted by law (at the trial level, on all appeals and post judgment), if legal or collection action is necessary to enforce the terms of this Proposal, including but not limited to collecting payments.

TAXES - The prices listed in the Proposal do not include any state or local taxes. If any tax, public charge, tariff, duty, or increase therein, is now or hereafter assessed, levied, or imposed upon this transaction, on the goods to be sold, or upon any sale, delivery, or other action taken hereunder, the burden of such charge or change shall be borne by Customer.

INSURANCE - Customer shall maintain fire, tornado and other necessary insurance on the property. Company warrants that company is insured.

ALTERATIONS - Any alteration or deviation will become an extra charge over and above the Proposal. Customer agrees to bear any reasonable additional costs arising out of or resulting from any alteration or deviation made by Customer under the terms and conditions of this Proposal whether or not a change order is signed.

CANCELLATION OF ORDER - It is agreed that if Customer terminates this Proposal, fails to accept delivery, or otherwise defaults on his/her obligations, this Proposal shall terminate and deposits will be returned to Customer accordingly, less all expenses incurred by Company, such as restocking costs, material procurement costs, administrative costs, and a reasonable profit.

DELAYS - Company will not be responsible for delays due to strikes, slowdowns, governmental shutdowns, shortages of material, fire, theft, vandalism, weather conditions, vendor or supplier performance, failure of suppliers or subcontractors to satisfactorily meet scheduled deliveries or any other acts or circumstances beyond its control. Customer shall pay Company for all expenses incurred by Company which arise out of delays, including delays caused by Customer. Present scheduled dates are good faith estimates and are not contractual nor are they intended to imply that time is of the essence.

CUSTOMER'S REPRESENTATIONS - Customer represents and warrants to Company that the construction site is zoned properly by the applicable governing authority for the construction contemplated under the terms of this Proposal. This Proposal shall be null and void in the event any governmental authority shall refuse to issue any necessary building or sanitary permit for the work contemplated herein.

CONSTRUCTION LIEN RIGHTS - As required by the Wisconsin Construction Lien Law, Company hereby notifies Customer that persons or companies furnishing labor or materials for the construction on Customer's land may have lien rights on that land and on the buildings on that land if they are not paid for such labor or materials. Those entitled to lien rights, in addition to Company, are those who contract directly with Customer, or those who give Customer notice within 60 days after they first furnish labor or materials for the construction. Accordingly, Customer probably will receive notices from those who furnish labor or materials for the construction, and should give a copy of each notice received to his/her mortgage lender, if any. Company agrees to cooperate with Customer and his/her lender, if any, to see that all potential lien claimants resulting from the work proposed hereunder are duly paid.

DAMAGES ON SITE - Customer shall be wholly responsible for loss or damages caused to materials stored on site, in-process construction or the contemplated project from all causes including without limitation, loss by fire, rain, windstorm, vandalism and insurrection. Customer agrees to procure and maintain, at his/her own expense, insurance against such loss in a sum equal to the total project price as set forth herein. Such insurance to be written to protect Customer and Company, as the interests may appear.

COMPLETION DATES - Completion dates acknowledged by Company are estimates of the date on which the work contemplated herein will be completed and are not binding on Company. Failure to perform pursuant to said completion dates for any reason whatsoever, whether in Company's control or not, shall not be cause for cancellation by Customer or for the assertion of damages of any kind whatsoever including, but not limited to, consequential damages, against Company. Company agrees to exercise its best efforts to notify Customer of any material delay in delivery or performance.

WARRANTY - Company warrants to Customer that from the date of final invoice supplied by Company, and for one year thereafter, Company will repair or replace, or pay the reasonable cost of such repair or replacement, at its option, any defects in the building caused by fault or workmanship supplied by Company under this Proposal. THE REMEDIES HEREIN PROVIDED ARE INTENDED TO BE CUSTOMER'S SOLE AND EXCLUSIVE REMEDIES, AND NO SUBSTITUTION FOR ALL OTHERS, AT LAW OR IN EQUITY. IN NO EVENT SHALL COMPANY BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES TO ANY PERSON OR PROPERTY ALTHOUGH THIS WARRANTY BEGINS ON THE DATE OF FINAL INVOICE. NO PERFORMANCE OF THIS WARRANTY SHALL BE MADE BY COMPANY OR LIABILITY ARISE UNTIL COMPANY HAS RECEIVED PAYMENT IN FULL FROM CUSTOMER. NO ACTION FOR THE ENFORCEMENT OF THE REMEDIES SET FORTH HEREIN SHALL BE COMMENCED MORE THAN ONE YEAR AFTER THE CAUSE OF ACTION ACCRUED FOR THE ENFORCEMENT OF SUCH REMEDIES.

CHOICE OF LAW/FORUM - Any action arising out of or related to the transactions contemplated by this Proposal shall be governed by and construed in accordance with the laws of the State of Wisconsin, without regard to conflict of law provisions wherever contained. THE PARTIES AGREE THAT ANY LITIGATION SHALL BE CONDUCTED EXCLUSIVELY IN THE MARATHON COUNTY CIRCUIT COURT LOCATED IN WAUSAU, WISCONSIN, WITHOUT A JURY, AND THE PARTIES HEREBY CONSENT TO SUCH JURISDICTION AND WAIVE ANY PERSONAL JURISDICTION OR VENUE OBJECTION (INCLUDING FORUM NON-CONVENIENS) TO SUCH FORUM.

SEVERABILITY - If any section (or part of a section) hereof is found to be unenforceable, then the remainder shall continue in full force and effect as if the unenforceable section (or part thereof) did not exist.

ERRORS - All mathematical errors and typos will be corrected immediately upon discovery thereof. Customer agrees to indemnify Company for all errors if Company corrects the error upon realization of the error. If Company knowingly fails to correct an error, Customer maintains all legal rights.

NOTICE CONCERNING CONSTRUCTION DEFECTS - Wisconsin law contains important requirements Customer must follow before Customer may file a lawsuit for defective construction against the contractor who constructed your dwelling or completed your remodeling project. Section 895.07(2) and (3), Stats., requires Customer to deliver to Company written notice of any construction conditions Customer alleges are defective before Customer can file a lawsuit, and Customer must provide Company the opportunity to make an offer to repair or remedy the alleged construction defects. Customer is not obligated to accept an offer made by Company. All parties are bound by applicable warranty provisions.

Leonard Ludi

From: William Kind <wkind.wausauroofing@gmail.com>
Sent: Saturday, September 23, 2023 3:10 PM
To: Leonard Ludi
Subject: [External] Re: One more item: Updated Roofing Proposal for the Village Kronenwetter
Attachments: image001.jpg; Owens Corning Warranty.pdf

Hi Leonard

Owens Corning Product Warranty on non-residential is for 50 years, ⁴⁰
Year 1 through 20 is non prorated on material and labor
Year 21 coverage drops to 60% and decreases by 2% per year through year 50 (Years 21-50 is material only)
Also there is no option to purchase an extended warranty
Let me know if you need anything else, I will be away on vacation from 9/24 until 10/01.
Thanks
Willy

On Fri, Sep 22, 2023 at 11:14 AM Leonard Ludi <lludi@kronenwetter.org> wrote:

Willie,

One more item and we are almost there.....: Could you also provide the (Owens Corning) shingle Technical data, Specification, Warranty, Additional Extended Warrantee cost info (if applicable) etc....?

Let me know if there are any questions,

Thanks,

Leonard Ludi

Public Works Director



1582 Kronenwetter Drive

Kronenwetter, WI 54455

Cell: 715-432-2351

Direct: 715-693-4200 ext. 112



OC SYSTEM PROTECTION:

NON-RESIDENTIAL

Compare the Coverage

Shingles	Standard Product Limited Warranty Coverage			System Protection Roofing Limited Warranty Coverage			
	Warranty Length ¹	Wind Resistance	TruePROtection ⁴ Period ⁵	Wind Warranty Coverage	Warranty Length ¹	TruePROtection ⁴ Period ⁵	Wind Warranty Coverage
Berkshire ²	40 Years	130 MPH	5 Years	15 Years	50 Years	20 Years	15 Years
Devonshire ⁶	40 Years	130 MPH	5 Years	15 Years	50 Years	20 Years	15 Years
Woodmoor ⁸	40 Years	110/130 MPH ²	5 Years	15 Years	50 Years	20 Years	15 Years
Woodcrest ⁶	40 Years	110/130 MPH ²	5 Years	15 Years	50 Years	20 Years	15 Years
WeatherGuard ³ HP ⁷	40 Years	116/130 MPH ²	5 Years	15 Years	50 Years	20 Years	15 Years
Duration ⁹ Series ⁷	40 Years	130 MPH	5 Years	15 Years	50 Years	20 Years	15 Years
Outridge ³	40 Years	110/130 MPH ²	5 Years	15 Years	40 Years	20 Years	15 Years
Supreme ¹	25 Years	60 MPH	5 Years	5 Years	25 Years	15 Years	5 Years

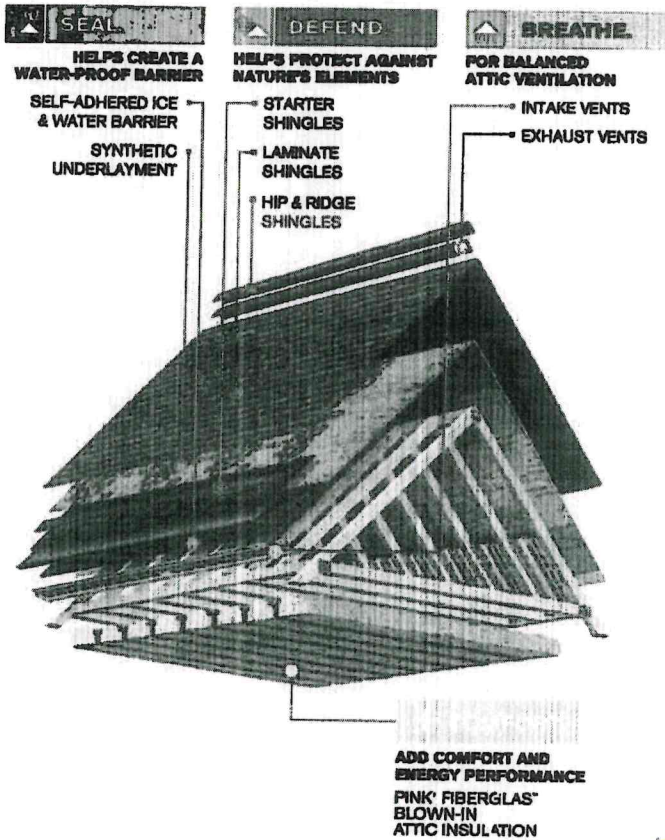
NON-RESIDENTIAL: 20-year, non-prorated labor, material, dumpster/disposal coverage on manufacturing defects.

Fully transferable, one-time for \$100 in first 20-years (Best Transferability in industry for Non-Residential)



TOTAL PROTECTION SIMPLIFIED™

It takes more than just shingles to protect a home. It takes an integrated system of components and layers designed to perform in three critical areas. The Owens Corning® Total Protection Roofing System® gives you the assurance that all of your Owens Corning® roofing components are working together to help increase the performance of your roof.



Product Attributes

Warranty Length*
 Limited Lifetime
 (for as long as you own your home)

Wind Resistance Limited Warranty*
 130 MPH

Algae Resistance Limited Warranty*
 10 Years

Tru PROTECTION® Non-Prorated Limited Warranty* Period
 10 Years



Algae resistance available in areas shown in white.

TruDefinition® Duration® Shingles Product Specifications

Size	13 1/4" x 39 3/4"
Application Exposure	5 1/2"
Shingles per Bundle	Not less than 20
Average Shingle Count per 3 Bundles	64
Average Coverage per 3 Bundles	98.4 sq. ft.

Applicable Standards and Codes

- ASTM D228
- ASTM D9018 (Type 1)
- ASTM D3161 (Class F Wind Resistance)
- ASTM D3462
- ASTM D7158 (Class H Wind Resistance)
- ASTM E108/UL 790 (Class A Fire Resistance)
- Florida Product Approval
- ICC-ES AC438#
- Miami-Dade County Product Approval#
- PRI ER 1378E01

40-year limited warranty

* See actual warranty for complete details, limitations and requirements.

** 40-Year Limited Warranty on commercial projects.

† Tru-Bond is a proprietary premium weathering-grade asphalt sealant that is blended by Owens Corning Roofing® and Asphalt, LLC.

‡ Owens Corning strives to accurately reproduce photographs of shingles. Due to manufacturing variances, the limitations of the printing process and the variations in natural lighting, actual shingle colors and granule blends may vary from the photo. The pitch of your roof can also impact how a shingle looks on your home. We suggest that you view a roofing display or several shingles to get a better idea of the actual color. To accurately judge your shingle and color choice, we recommend that you view it on an actual roof with a pitch similar to your own roof prior to making your final selection. Color availability subject to change without notice. Ask your professional roofing contractor for samples of colors available in your area.

§ The amount of Triple Layer Protection® may vary on shingle-to-shingle basis.

¶ Owens Corning testing when following the manufacturer's installation instructions and nailed through the middle of the allowable nail zone.

International Code Council Evaluation Services Acceptance Criteria for Alternative Asphalt Shingles.

^ Excludes non-Owens Corning roofing products such as flashing, fasteners, pipe boots and wood decking.

§ Applies for all areas that recognize a Miami-Dade Notice of Acceptance (NOA).

1 StreakGuard® Algae Resistance Technology is not available in the Denver service area.

For Patent Information please visit owenscorning.com/patents.

SureNail® Technology is not a guarantee of performance in all weather conditions.

Shingles are algae resistant to control the growth of algae and discoloration.

2 Owens Corning's Black Sable shingle includes a patented design.



OWENS CORNING ROOFING AND ASPHALT, LLC
 ONE OWENS CORNING PARKWAY
 TOLEDO, OHIO, USA 43659

1-800-GET-PINK® | 1-800-438-7465
www.owenscorning.com

ESTIMATE

Walk by Faith Roofing and Remodeling

2932 Creek Valley Ln
Appleton, WI 54914

james@walkbyfaithroofing.com
+1 (920) 977-9306
WWW.WALKBYFAITHROOFING.COM



Leonard Ludi

Bill to

Leonard Ludi
Village of Kronenwetter
1582 Kronenwetter Drive
Kronenwetter, WI 54455 US

Ship to

Leonard Ludi
Village of Kronenwetter
1582 Kronenwetter Drive
Kronenwetter, WI 54455 US

Estimate details

Estimate no.: 0086
Estimate date: 09/19/2023 ✓
Expiration date: 11/20/2023

Material Deposit: A deposit of 50% for materials

Product or service	Amount	Amount
1. Introduction In this estimate there will be tear off, installation and repair costs.	1 unit x \$0.00	\$0.00
2. Tear off BUILDING #1-Northern most building	48 units x \$150.00	\$7,200.00
3. Check for damaged or weak decking. Estimate includes 4 sheets of 4x8 7/16 OSB decking per building----Extra sheets are billed at \$30.00 per sheet	1 unit x \$0.00	\$0.00
4. Metal edge 2x2 True size drip edge and gutter apron. Price included in shingle price----20 pcs	1 unit x \$0.00	\$0.00
5. Install Ice and water shield Install a moisture barrier in valleys and on rake edges----sold by the roll	4 units x \$150.00	\$600.00
6. Install synthetic underlayment Purchased by the roll----price included in shingle price----8 rolls		\$0.00
7. Install Dimensional Laminate shingle sold by the bundle---168 bundles starter strip-----305 Linear feet sold by the bundle--13 bundles Hip and ridge cap--- 250 linear feet of hip and ridge cap--10 bundles 6 boxes of collated roll roofing nails	56 units x \$750.00	\$42,000.00
8. Re-Use all plumbing and pipe vents. Re-use all plumbing and pipe vents. Spray with rust inhibitor.		\$500.00

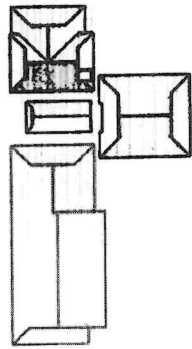
9.			\$0.00
	Total for Building #1 is \$50,300.00		
10.	Tear off	18 units x \$150.00	\$2,700.00
11.	Check for damaged or weak decking.	1 unit x \$0.00	\$0.00
	BUILDING #2 Lobby / #5		
12.	Misc.		\$4,000.00
	Multiple repairs to EPDM Rubber Roofing material		
13.	Tear off	114 units x \$150.00	\$17,100.00
	BUILDING #3---Garage Roof area		
14.	Check for damaged or weak decking.	1 unit x \$0.00	\$0.00
	The estimate includes 4 sheets of 4x8 OSB decking---extras are billed at \$30 per sheet		
15.	Metal edge	1 unit x \$0.00	\$0.00
	2x2 True size drip edge and gutter apron--Price included in shingles---52 pcs		
16.	Install ice and water shield	16 units x \$150.00	\$2,400.00
	Install a moisture barrier in valleys and on rake edges---		
17.	Install synthetic underlayment		\$0.00
	Purchased by the roll, included in shingle price --- 26 rolls		
18.	Install Dimensional Laminate shingle	131 units x \$750.00	\$98,250.00
	sold by the bundle---393 bundles		
	starter strip----- 550 Linear feet sold by the bundle--22 bundles		
	Hip and ridge cap--- 300 linear feet of hip and ridge cap--25 bundles		
	10 boxes of collated roll roofing nails		
19.	Re-Use all plumbing and pipe vents.		\$250.00
	Re-use all plumbing and pipe vents. Spray with rust inhibitor.		
20.			\$0.00
	Total cost for Building #3 is \$118,000.00		
21.	Tear off	69 units x \$150.00	\$10,350.00
	BUILDING #4 Offices		
22.	Check for damaged or weak decking.	1 unit x \$0.00	\$0.00
	Estimate includes 4 sheets of 4x8 7/16 OSB decking---extras are billed at \$30 each		
23.	Metal edge	1 unit x \$0.00	\$0.00
	2x2 True size drip edge and gutter apron----included in shingle price--37 Pcs		
24.	Install ice and water shield	8 units x \$150.00	\$1,200.00
	Install a moisture barrier in valleys and on rake edges ---		
25.	Install synthetic underlayment		\$0.00
	Purchased by the roll included in shingle price----15 rolls		

26. Install Dimensional Laminate shingle	79 units x \$750.00	\$59,250.00
sold by the bundle---237 bundles starter strip----- 350 Linear feet sold by the bundle-- 10 bundles Hip and ridge cap--- 160 linear feet of hip and ridge cap--8 bundles 8 boxes of collated roll roofing nails		
27. Re-Use all plumbing and pipe vents.		\$250.00
Total cost of Building #4 \$73,750.00		
28. Notice		\$0.00
Please note the following---- 1. Gas Furnace and water heater exhaust pipes, if not correctly installed, may become dislodged during roof replacement. We highly recommend the homeowner have these connections checked by their A/C or Plumbing Service professional following new roof installation.		
29. Notice--2		\$0.00
Installing the roof requires nailing through the roof deck. Items such as conduit lines and T.V, Cable or refrigerant lines installed closer than 1 1/2 inches of the underside of roof decking shall be protected from damage by nails and other fasteners. As per the current International Commercial building code.		
30. Complete and seal		\$0.00
Seal all roof penetrations. Remove and dispose of all job related debris. Provide Contractor 5 year roof installation warranty. Provide Material Manufacturers Warranty.		
31.		\$0.00
Due to the shear bulk of the project, we ask for adequate completion time to be agreed upon mutually.		
	Total	\$246,050.00

Note to customer

50% material deposit required due to size of order, prior to start of project...
 Also please allow sufficient time frame for deposit to clear so materials can be ordered and delivered.

Expiry date 11/20/2023



In this 3D model, facets appear as semi-transparent to reveal overhangs.

Building: 1

PREPARED FOR

Contact: James Franklin
 Company: Walk by Faith Roofing and Remodeling
 Address: 2932 W Creek Valley Ln
 Appleton, WI 54914
 Phone: 920-977-9306

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MEASUREMENTS

Total Roof Area =31,129 sq ft
 Total Roof Facets =20
 Predominant Pitch =4/12
 Number of Stories >1
 Total Ridges/Hips =637 ft
 Total Valleys =79 ft
 Total Rakes =381 ft
 Total Eaves =1,306 ft
 Total Penetrations =22
 Total Penetrations Perimeter = 150 ft
 Total Penetrations Area = 72 sq ft

Measurements provided by www.eagleview.com



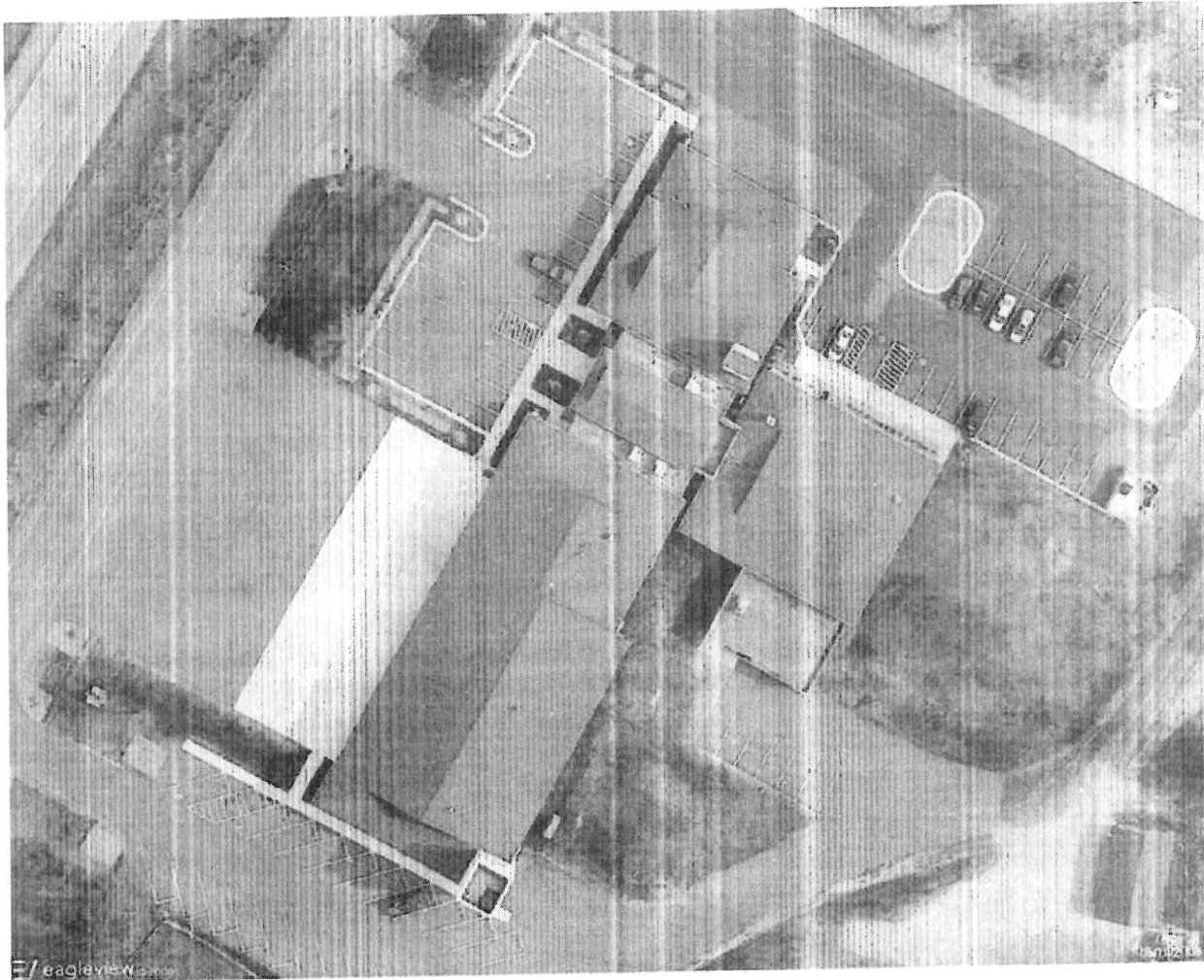
Certified Accurate

www.eagleview.com/Guarantee.aspx

IMAGES

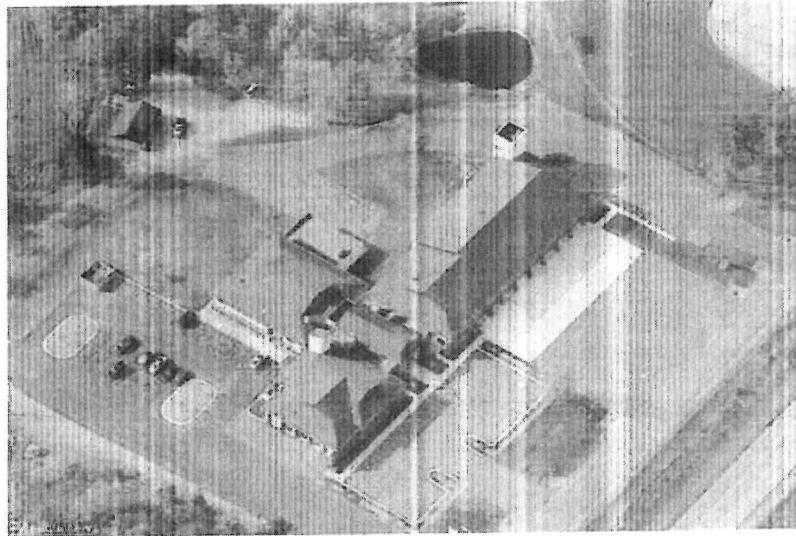
The following aerial images show different angles of this structure for your reference.

Top View

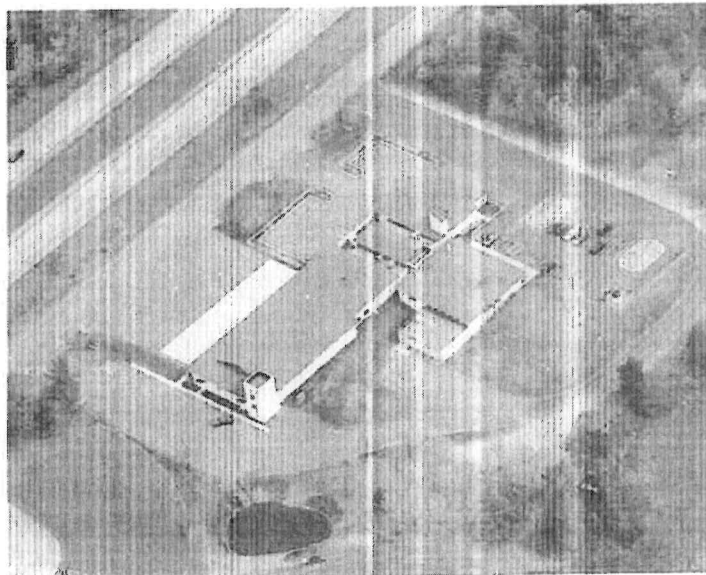


IMAGES

North Side

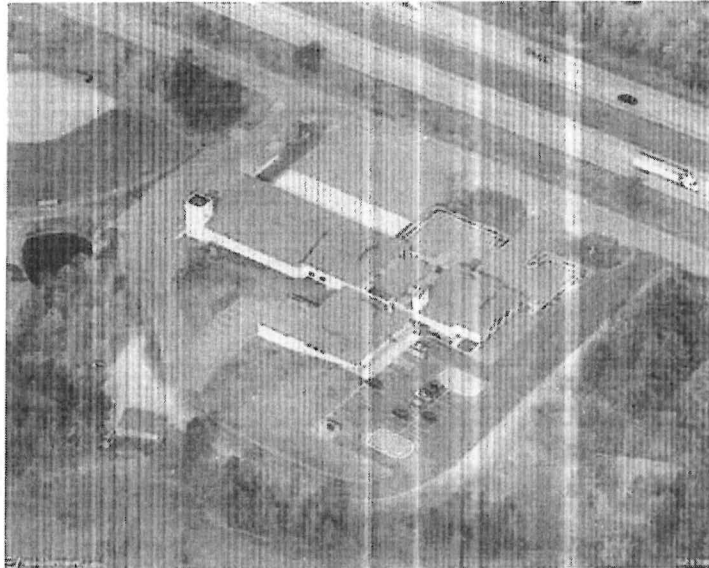


South Side

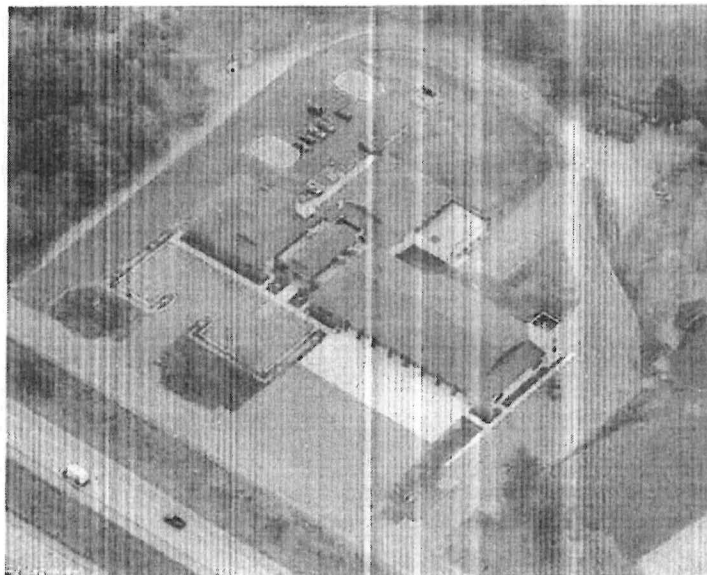


IMAGES

East Side

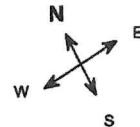
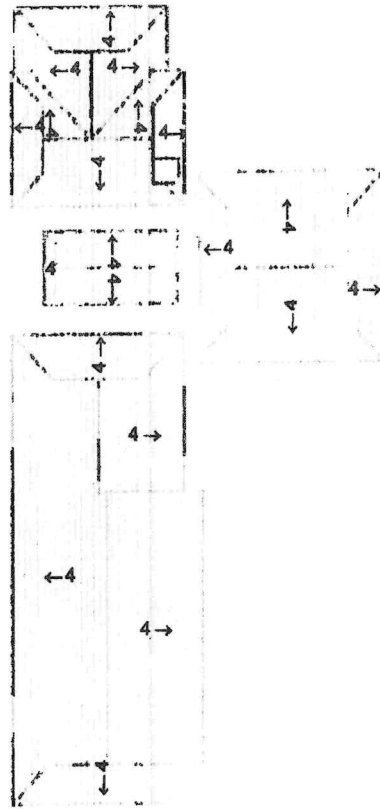


West Side



PITCH DIAGRAM

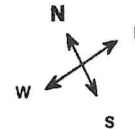
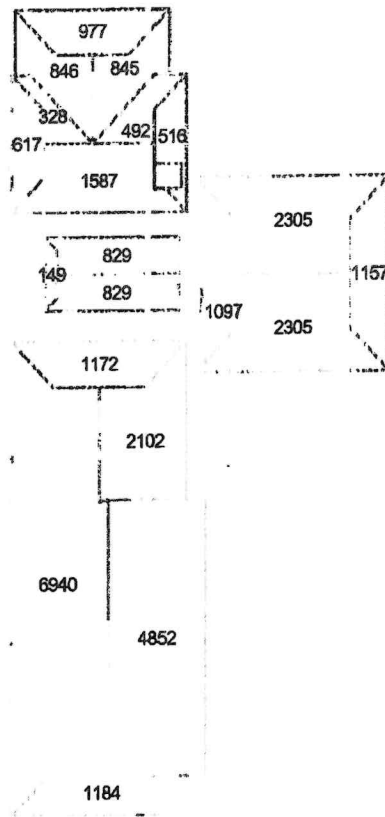
Pitch values are shown in inches per foot, and arrows indicate slope direction. The predominant pitch on this roof is 4/12



Note: This diagram contains labeled pitches for facet areas larger than 20.0 square feet. In some cases, pitch labels have been removed for readability. Blue shading indicates a pitch of 3/12 and greater.

AREA DIAGRAM

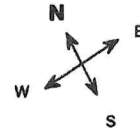
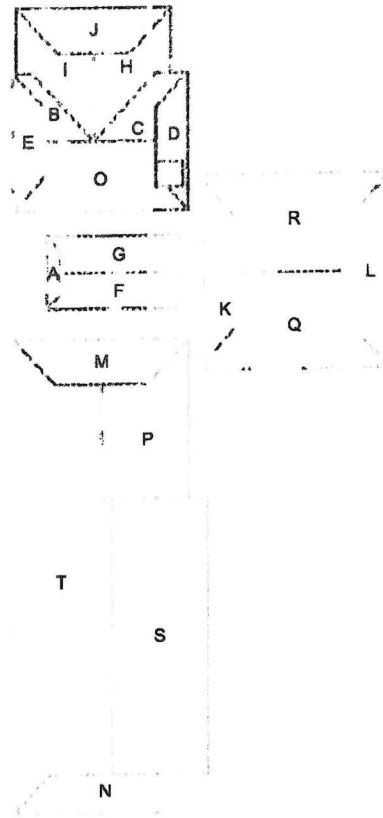
Total Area = 31,129 sq ft, with 20 facets.



Note: This diagram shows the square feet of each roof facet (rounded to the nearest Foot). The total area in square feet, at the top of this page, is based on the non-rounded values of each roof facet (rounded to the nearest square foot after being totaled).

NOTES DIAGRAM

Roof facets are labeled from smallest to largest (A to Z) for easy reference.



PENETRATIONS NOTES DIAGRAM

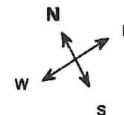
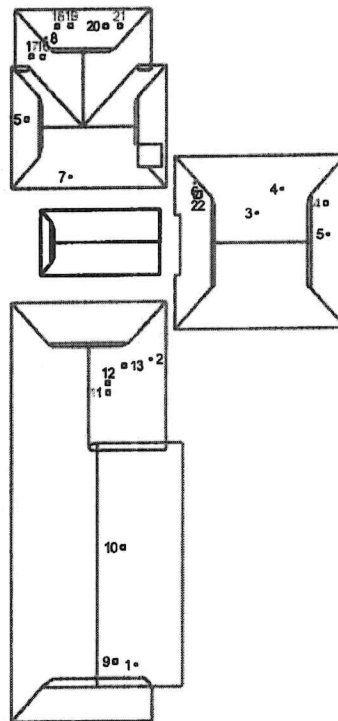
Penetrations are labeled from smallest to largest for easy reference.

Total Penetrations = 22

Total Penetrations Perimeter = 150 ft

Total Penetrations Area = 72 sq ft

Total Roof Area Less Penetrations = 31,057 sq ft



REPORT SUMMARY

All Structures

Areas per Pitch	
Roof Pitches	4/12
Area (sq ft)	31128.8
% of Roof	100%

The table above lists each pitch on this roof and the total area and percent (both rounded) of the roof with that pitch.

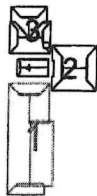
Waste Calculation Table							
Waste %	0%	10%	12%	15%	17%	20%	22%
Area (sq ft)	31,129	34,241.9	34,864.5	35,798.4	36,420.9	37,354.8	37,977.4
Squares	311.3	342.4	348.6	358.0	364.2	373.5	379.8

This table shows the total roof area and squares (rounded up to the nearest decimal) based upon different waste percentages. The waste factor is subject to the complexity of the roof, individual roofing techniques and your experience. Please consider this when calculating appropriate waste percentages. Note that only roof area is included in these waste calculations. Additional materials needed for ridge, hip, valley, and starter lengths are not included.

Penetrations	1-8	9-21	22						
Area (sq ft)	1	4	12						
Perimeter (ft)	4	8	14						

Any measured penetration smaller than 3.0x3.0 Feet may need field verification. Accuracy is not guaranteed. The total penetration area is not subtracted from the total roof area.

All Structures Totals



Lengths, Areas and Pitches

Ridges = 320 ft (6 Ridges)
 Hips = 317 ft (15 Hips).
 Valleys = 79 ft (2 Valleys)
 Rakes† = 381 ft (24 Rakes)
 Eaves/Starter‡ = 1,306 ft (22 Eaves)
 Drip Edge (Eaves + Rakes) = 1,687 ft (46 Lengths)
 Parapet Walls = 0 (0 Lengths).
 Flashing = 249 ft (12 Lengths)
 Step flashing = 171 ft (22 Lengths)
 Total Penetrations Area = 72 sq ft
 Total Roof Area Less Penetrations = 31,057 sq ft
 Total Penetrations Perimeter = 150 ft
 Predominant Pitch = 4/12
Total Area (All Pitches) = 31,129 sq ft

Property Location

Longitude = -89.6605102
 Latitude = 44.8244954

Notes

This was ordered as a commercial property. There were no changes to the structure in the past four years.

Total Roof Facets = 20
 Total Penetrations = 22

† Rakes are defined as roof edges that are sloped (not level).
 ‡ Eaves are defined as roof edges that are not sloped and level.

1582 Kronenwetter Dr, Kronenwetter, WI 54455

Report: 52697230

Measurements by Structure									
Structure	Area (sq ft)	Ridges (ft)	Hips (ft)	Valleys (ft)	Rakes (ft)	Eaves (ft)	Flashing (ft)	Step Flashing (ft)	Parapets (ft)
1	16250	154	74	0	149	507	80	92	0
2	6864	49	103	0	96	322	73	7	0
3	6208	62	124	79	86	330	83	64	0
4	1807	54	15	0	50	146	12	7	0

All values in this table are rounded up to the nearest Foot for each separate structure. Measurement totals displayed elsewhere in this report are added together before rounding which may cause totals to differ.

The table above lists each pitch on this roof and the total area and percent (both rounded) of the roof with that pitch.

Online Maps

Online map of property

http://maps.google.com/maps?f=q&source=s_q&hl=en&geocode=&q=1582+Kronenwetter+Dr,Kronenwetter,WI,54455

Directions from Walk by Faith Roofing and Remodeling to this property

http://maps.google.com/maps?f=d&source=s_d&saddr=2932+W+Creek+Valley+Ln,Appleton,WI,54914&daddr=1582+Kronenwetter+Dr,Kronenwetter,WI,54455



1582 Kronenwetter Dr, Kronenwetter, WI 54455

Report: 52697230

IMPORTANT LEGAL NOTICE AND DISCLAIMER

Notice and Disclaimer

No Warranty: The Copyrighted Materials are provided to you "as is," and you agree to use it at your own risk.

EagleView Technologies makes no guarantees, representations or warranties of any kind, express or implied, arising by law or otherwise, including but not limited to, content, quality, accuracy, completeness, effectiveness, reliability, fitness for a particular purpose, usefulness, use or results to be obtained from the Copyrighted Materials.

Contractors agree to always conduct a preliminary site survey to verify Roof Report ordered. In the event of an error in a Report, your sole remedy will be a refund of the fees paid by you to obtain this Report.

25 year Warrantee

Timberline® UHDZ™ Specs

ABOUT
([HTTPS://WWW.GAF.COM/EN-US/PRODUCTS/TIMBERLINE-UHDZ](https://www.gaf.com/en-us/products/timberline-uhdz))

SPECS
([HTTPS://WWW.GAF.COM/EN-US/PRODUCTS/TIMBERLINE-UHDZ/SPECIFICATIONS](https://www.gaf.com/en-us/products/timberline-uhdz/specifications))

DOCS
([HTTPS://WWW.GAF.COM/EN-US/PRODUCTS/TIMBERLINE-UHDZ/DOCUMENTS](https://www.gaf.com/en-us/products/timberline-uhdz/documents))

VIDEOS
([HTTPS://WWW.GAF.COM/EN-US/PRODUCTS/TIMBERLINE-UHDZ/VIDEOS](https://www.gaf.com/en-us/products/timberline-uhdz/videos))

SPECIFICATIONS (ALL DIMENSIONS ARE NOMINAL)

AWARDS & RECOGNITION	Good Housekeeping Rated
\$ - \$\$\$\$	\$\$
DURABILITY & TOUGHNESS	Advanced Protection Shingle with GAF Dura Grip Adhesive
EXPOSURE	5.625" (144 mm)
EXTREME WEATHER IMPACT RATED	No
FIRE RATING	Highest Rating - Class A
MATERIAL	Fiberglass Asphalt Construction
WIND RATING	Eligible for the WindProven™ Limited Wind Warranty when installed with four required GAF accessory products
SHINGLE STYLE	Wood-Shake Look
SHINGLE TYPE	Architectural Shingles
APPROX. NAILS/SQ	256
AWARDS & RECOGNITION:	Good Housekeeping Rated
\$ - \$\$\$\$:	\$\$
DURABILITY & TOUGHNESS:	Advanced Protection Shingle with GAF Dura Grip Adhesive
EXPOSURE:	5.625" (144 mm)
EXTREME WEATHER IMPACT RATED:	No
FIRE RATING:	Highest Rating - Class A

SPECIFICATIONS (ALL DIMENSIONS ARE NOMINAL)

MATERIAL: Fiberglass Asphalt Construction

WIND RATING: Eligible for the WindProven™ Limited Wind Warranty when installed with four required GAF accessory products

SHINGLE STYLE: Wood-Shake Look

SHINGLE TYPE: Architectural Shingles

APPROX. NAILS/SQ: 256

CODES

CO_HEADING	Codes
FBC	State of Florida Approved
ICC	ESR-1475
ICC AC438	ESR-3267
MIAMI-DADE COUNTY	Miami-Dade County Product Control Approved
TDI	Meets requirements of the Texas Department of Insurance

CO_HEADING: Codes

FBC: State of Florida Approved

ICC : ESR-1475

ICC AC438: ESR-3267

MIAMI-DADE COUNTY: Miami-Dade County Product Control Approved

TDI: Meets requirements of the Texas Department of Insurance

TESTING METHODS & APPLICABLE STANDARDS

TAS 100-95 Yes

TAS 100-95: Yes

SHIPPING AND PACKAGING

APPROX. PIECES/SQ 64

APPROX. BUNDLES/SQ 3

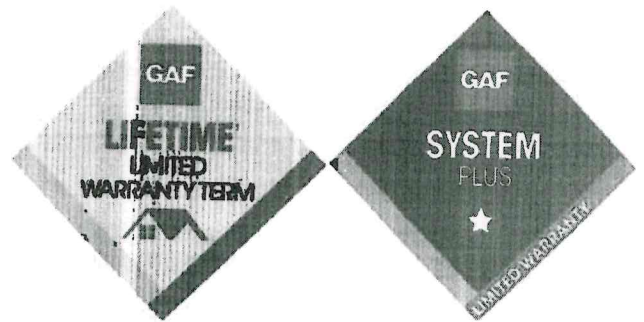
APPROX. PIECES/SQ: 64

SHIPPING AND PACKAGING

APPROX. BUNDLES/SQ: 3

Get automatic Lifetime Protection on your entire GAF roofing system

When you install any GAF Lifetime Shingle and at least 3 qualifying GAF accessories, you'll automatically get a Lifetime limited warranty on your shingles and all qualifying GAF accessories*.





System Plus Limited Warranty



The Legal Stuff

(Dimensional Laminate Shingles) (?)

What is Covered/Excluded. This System Plus Limited Warranty covers certain GAF roofing products installed on your roof (the "GAF Products") including GAF Asphaltic Shingles, GAF Ridge Cap Shingles, GAF Starter Strip Shingles, GAF Leak Barrier Products, GAF Roof Deck Protection Products, GAF Cobra® Attic Ventilation Products, GAF Master Flow® Attic Exhaust Ventilation Products, GAF Master Flow™ Pivot™ Pipe Boot Flashing, and GAF-labeled Ultimate Pipe Flashing® with EasySleeve® (manufactured by Lifetime Tool® & Building Products LLC), in the unlikely event that they contain a manufacturing defect. Note: This limited warranty does not cover low-slope membranes, other Master Flow® Products, or GAF ThermoCal® Ventilated Nail Base Roof Insulation. Please go to gaf.com for a copy of the limited warranties covering these products.

How Long Your Warranty Lasts

GAF Shingles	Manufacturing Defect Coverage		Wind Warranty Coverage		Algae Warranty Coverage	
	Limited Warranty Term	Smart Choice® Protection Period**	Limited Warranty Term	Wind Speed Coverage (mph / km/h)	Limited Warranty Term	Smart Choice® Protection Period**
LayerLock®-labeled Timberline® Shingles	Lifetime†	50 Years	15 Years	WindProven™ Limited Wind Warranty***: No maximum wind speed. For all other installations: With Special Installation****: 130 / 209 Without Special Installation****: 110 / 175	StainGuard Plus PRO™: 30 Years StainGuard Plus™: 25 Years	StainGuard Plus PRO™ and StainGuard Plus™: 15* / 10 Years
All Other GAF Lifetime† Shingles	Lifetime†	50 Years	15 Years	With Special Installation****: 130 / 209 Without Special Installation****: 110 / 175	StainGuard Plus™: 25 Years StainGuard®: 10 Years	StainGuard Plus™: 15* / 10 Years StainGuard®: 1 Year
Marquis WeatherMax®	30 Years	20 Years	5 Years	80 / 130	No coverage	No coverage
Royal Sovereign®	25 Years	20 Years	5 Years	60 / 96	StainGuard®: 10 Years	StainGuard®: 1 Year
GAF Ridge Cap Shingles	Manufacturing Defect Coverage		Wind Warranty Coverage		Algae Warranty Coverage	
			Limited Warranty Term	Wind Speed Coverage (mph / km/h)	Limited Warranty Term	Smart Choice® Protection Period**
TimberTex®, Ridglass®, TimberCrest®	Limited Warranty Term and Smart Choice® Protection Period** lasts as long as the warranty for manufacturing defects for the type of shingle installed in the field of the roof.		15 Years	With Special Installation****: 130 / 209 Without Special Installation****: 110 / 175	StainGuard Plus™: 25 Years	StainGuard Plus™: 15* / 10 Years
Seal-A-Ridge®, Seal-A-Ridge® AS	Limited Warranty Term and Smart Choice® Protection Period** lasts as long as the warranty for manufacturing defects for the type of shingle installed in the field of the roof.		5 Years	90 / 144	StainGuard Plus™: 25 Years	StainGuard Plus™: 15* / 10 Years
Z® Ridge	Limited Warranty Term and Smart Choice® Protection Period** lasts as long as the warranty for manufacturing defects for the type of shingle installed in the field of the roof.		5 Years	With Special Installation****: 90 / 144 Without Special Installation****: 70 / 112	StainGuard Plus™: 25 Years	StainGuard Plus™: 15* / 10 Years
GAF Starter Strip Shingles	Manufacturing Defect Coverage		Wind Warranty Coverage		Algae Warranty Coverage	
					Limited Warranty Term	Smart Choice® Protection Period**
StarterMatch®	Limited Warranty Term and Smart Choice® Protection Period** lasts as long as the warranty for manufacturing defects for the type of shingle installed in the field of the roof.		No coverage		StainGuard Plus™: 25 Years	StainGuard Plus™: 15* / 10 Years
All Other GAF Starter Strip Shingles	Limited Warranty Term and Smart Choice® Protection Period** lasts as long as the warranty for manufacturing defects for the type of shingle installed in the field of the roof.		No coverage		No coverage	No coverage
Other GAF Accessories	Manufacturing Defect Coverage		Wind Warranty Coverage		Algae Warranty Coverage	
GAF Leak Barrier Products GAF Roof Deck Protection Products GAF Cobra® Attic Ventilation Products GAF Master Flow® Non-Powered Attic Exhaust Ventilation Products	Limited Warranty Term and Smart Choice® Protection Period** lasts as long as the warranty for manufacturing defects for the type of shingle installed in the field of the roof.		No coverage		No coverage	
GAF Master Flow® Powered Attic Exhaust Ventilation Products	Limited Warranty Term and Smart Choice® Protection Period** lasts as long as the warranty for manufacturing defects for the type of shingle installed in the field of the roof, except that Motorized, Solar, and Electronic Components and Wi-Fi connectivity (if applicable) are covered for the warranty term stated in the "GAF Master Flow® Powered Attic		No coverage		No coverage	



System Plus Limited Warranty

GAF SYSTEM

Note: All self-sealing shingles and ridge cap shingles, including GAF's, must be exposed to warm, sunny conditions for several days before they completely seal. Before sealing occurs, shingles and ridge cap shingles are vulnerable to blow-offs and wind damage. Shingles and ridge cap shingles installed in fall or winter may not seal until the following spring. Shingles or ridge cap shingles that are not exposed to direct sunlight or adequate surface temperatures or that are not fastened or installed properly may never seal. Failures to seal, blow-offs, and wind damage under these circumstances result from the nature of self-sealing shingles and ridge cap shingles, not a manufacturing defect, and are not covered under this limited warranty.

Algae Warranty: What Is Covered/Sole and Exclusive Remedy

This limited warranty applies only to shingles, ridge cap shingles, and starter strip shingles sold in packages bearing the **StainGuard Plus PRO™** or **StainGuard Plus™** or **StainGuard®** logos. GAF warrants to you that blue-green algae (also known as cyanobacteria) will not cause a pronounced discoloration of your **StainGuard Plus PRO™**, or **StainGuard Plus™**, or **StainGuard®**-labeled shingles, ridge cap shingles, or starter strip shingles for the warranty term listed above. If your **StainGuard Plus PRO™**, or **StainGuard Plus™**, or **StainGuard®**-labeled shingles, ridge cap shingles, or starter strip shingles exhibit a pronounced discoloration caused by blue-green algae during the Smart Choice® Protection Period listed above, GAF's contribution will be either the reasonable cost of commercially cleaning your shingles, ridge cap shingles, or starter strip shingles or, at GAF's sole option, replacing discolored Shingles, Ridge Cap Shingles or, Starter Strip Shingles. The maximum cost to GAF shall be the lesser of the original cost of the affected Shingles, Ridge Cap Shingles, or Starter Strip Shingles, or the cost to clean the affected shingles, ridge cap shingles, or starter strip shingles. During the remainder of the limited warranty period, GAF's contribution to you will be reduced to reflect the amount of use you have received from your shingles, ridge cap shingles, or starter strip shingles since they were installed. The amount of use will be calculated by dividing the number of months which have elapsed since installation to the date of claim by the number of months in the Algae Warranty term.

Note: Preventing pronounced algae-related discoloration of your shingles, ridge cap shingles, and starter strip shingles is achieved through formulations or through unique blends of granules.

Master Flow® Powered Attic Exhaust Ventilation Products Limited Warranty: What Is Covered/Sole and Exclusive Remedy

This Master Flow® Powered Attic Exhaust Ventilation Products Limited Warranty lasts as long as the warranty for manufacturing defects for the type of shingle installed in the field of the roof, except that the motorized, solar, electronic, and Wi-Fi enabled components of the products shall only be covered for the warranty term set forth in this section.

Power, Solar & Dual-Powered Attic Exhaust Vents — Roof Mount	Warranty Term (Years)	Non-Prorated Coverage Term (Years)	Wi-Fi Connectivity Limited Warranty Term (Years)*
ERV4, CERV4, ERV4HT	5	2	1
ERV5, CERV5, ERV5HT, ERV5QCT, EZCR1, EZCR1HT, EZCQCR1	5	3	1
ERV6, CERV6, ERV6HT	10	5	1
ERVSOLAR, ERVHYBRID	5	2	-
PRSOLAR2, PRHYBRID2	6	3	-
REPLACEMENT MOTORS, CONTROLLERS & ACCESSORIES	1	-	1
Power & Solar Attic Exhaust Vents — Gable Mount	Warranty Term (Years)	Non-Prorated Coverage Term (Years)	Wi-Fi Connectivity Limited Warranty Term (Years)*
EGV5, CEGV5, EGV5HT, EGV5QCT, EZCG1, EZCG1HT, EZCQCG1	5	3	1
EGV6, CEGV6, EGV6HT, EZCG2	10	5	1
PGSOLAR	5	2	-
REPLACEMENT MOTORS, CONTROLLERS & ACCESSORIES	1	-	1

* Wi-Fi Connectivity Limited Warranty applies only if you elected to purchase the optional Master Flow QuickConnect™ Wi-Fi Technology at the time of purchase. If you purchased this technology, your vent is warranted to have the ability to connect to your home's Wi-Fi network for a period of 1 year following the completion of installation of your roof or gable.

Manufacturing Defects

During the warranty term specified above, for any Vent that does not perform properly as a result of a manufacturing defect, as determined by GAF, GAF will provide you with replacement part(s) or a replacement Vent. Decisions as to the provision of replacement part(s) or a replacement Vent will be made solely by GAF. If your claim arises during the Non-Prorated Coverage Term, GAF will also reimburse you for the reasonable costs to remove the

What Is Not Covered

Even if your GAF Products were not properly installed according to GAF's application instructions or to standard good roofing practices, this limited warranty remains in effect. However, GAF will NOT be liable for and this warranty does NOT apply to:

- Damage resulting from anything other than an inherent manufacturing defect in the GAF Products, such as:
 - Improper fastening of your shingles or accessories or application not in strict accordance with GAF's printed application instructions, if the improper installation was the cause of the damage.
 - Settlement, movement, structural damage, or defects in the building, walls, foundation, or the roof base over which the shingles or accessories were applied.
 - Inadequate ventilation.
- Damage resulting from causes beyond normal wear and tear, such as:
 - acts of nature, such as hail, fire, or winds (including gusts) over the applicable wind speed listed above except there is no maximum wind speed restriction for shingles covered by the WindProven™ Limited Wind Warranty.
 - impact of traffic on the roof or foreign objects, including damage caused by objects blown onto the roof by wind.
 - improper storage or handling of the GAF Products.
- Ice damming, except for leaks in the area of your roof covered by a GAF Leak Barrier which are caused by a manufacturing defect in your GAF Leak Barrier.
- Shading or variations in the color of your GAF Products chipping, fading or peeling paint on your Master Flow® Attic Exhaust Vent, or Master Flow™ Pivo!™ Pipe Boot Flashing or discoloration or contamination caused by fungus, mold, lichen, algae (except for blue-green algae if your shingles, ridge cap shingles, or starter strip shingles were labeled with the StainGuard Plus™ or StainGuard® logos), or other contaminants, including that caused by organic materials on the roof.
- Renting costs, except as specifically provided for above, disposal costs, and costs relating to underlayments (unless your claim involves a manufacturing defect in a GAF Underlayment), metal work, and flashings.
- Damage to the interior or exterior of the building, including, but not limited to, mold growth.

Other Limitations Concerning Coverage

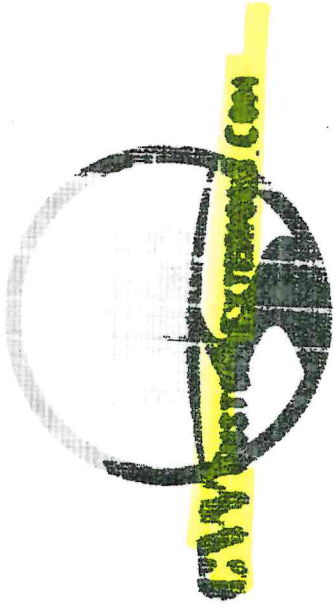
Decisions as to the extent of repair, re-cover, or cleaning required, and the reasonable cost of such work, will be made solely by GAF. GAF reserves the right to arrange directly for your GAF Products to be repaired, re-covered, or cleaned instead of reimbursing you for such work. The remedy under this warranty is available only for that portion of your GAF Products actually exhibiting manufacturing defects or algae discoloration at the time your claim is settled. Any replacement GAF Products will be warranted only for the remainder of the original warranty period. GAF reserves the right to discontinue or modify its shingles or accessories, including the colors available, so any replacement GAF Products may not be an exact match for the GAF Products on your roof. Even if GAF does not modify a color, replacement GAF Products may not match your original GAF Products due to normal weathering, manufacturing variations, or other factors. In the event that GAF is unable to provide replacement products, GAF reserves the right to provide the cash value of those replacement products.

Claims: What You Must Do

You must notify GAF about any claim within 30 days after you notice a problem. You may report a claim online at gaf.com/contact, by calling GAF at 1-800-458-1860, sending an email to warrantyclaims@gaf.com, or by sending a notice in writing to: GAF, Warranty Claims Department, 1 Campus Drive, Parsippany, NJ 07054, USA. You will then be provided with complete details about submitting your claim. You may be required to send to GAF, at your expense, photographs and sample products for testing. Within a reasonable time after proper notification, GAF will evaluate your claim and resolve it in accordance with the terms of this limited warranty. If you repair or replace your GAF Products before you notify GAF about your claim, or before GAF has completed its evaluation of your claim, your claim may be denied. If you need to repair or replace your GAF Products before your claim is resolved, you MUST provide GAF with reasonable notice. **NOTE: Notice to your contractor, dealer, or home builder is NOT notice to GAF.** You should retain this document for your records in the unlikely event that you need to file a claim.

Sole and Exclusive Warranty

THIS LIMITED WARRANTY IS EXCLUSIVE AND REPLACES ALL OTHER WARRANTIES, CONDITIONS, REPRESENTATIONS AND GUARANTEES, WHETHER EXPRESS OR IMPLIED, WHETHER BY STATUTE, AT LAW OR IN EQUITY, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. This limited warranty is your exclusive warranty from GAF and represents the SOLE REMEDY available to any owner of GAF Products. GAF makes NO OTHER REPRESENTATIONS, CONDITIONS, GUARANTEES, OR WARRANTIES of any kind other than that stated herein. GAF WILL NOT BE LIABLE IN ANY EVENT FOR CONSEQUENTIAL, PUNITIVE, SPECIAL, INCIDENTAL, OR OTHER SIMILAR DAMAGES OF ANY KIND, including DAMAGE TO THE INTERIOR OR EXTERIOR OF ANY BUILDING, whether any claim against it is based upon breach of this warranty, negligence, strict liability in tort, or for any other cause. This limited warranty gives you specific legal rights, and you may also have other rights which vary from jurisdiction to jurisdiction. Some jurisdictions do not allow limitations on or the exclusion of incidental or consequential damages, so the above limitations or exclusions may not apply to you. New Jersey state residents are encouraged to review their rights under the agreement, as provided under the New Jersey Truth-In-Consumer Contract Warranty and Notice Act ("TCCWNA").



CW CUSTOM EXTERIORS.COM * 143789 PACKER DR, WAUSAU, WI 54401 * 715-870-1111

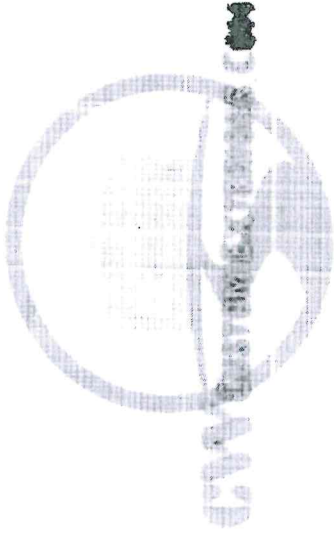
Roofing Proposal #5479

Client: Village of Kronenwetter

Phone: 715-432-2351

Address: 1582 Kronenwetter Drive, Kronenwetter, WI 54455

Job Description: Commercial Shingle Roof replacement and Tower EPDM roof repair or replace.



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Scope of Work:

CW Custom Exteriors.com proposes to perform labor and supply all necessary materials for the completion of the roof replacement as follows:

Building address: 1582 Kronenwetter Drive, Kronenwetter, WI 54455

Description of roofs to be completed: Remove existing 2 layers of Asphalt shingles and underlayment, on sloped areas and install new asphalt shingle roofing system. Repair or replace Tower EPDM rubber roofing.

Building breakdown is depicted in the attached aerial commercial report, page 3:

Pitched area = 31,237 total square feet, with 10% waste = 34360 sq ft.

Tower Flat roof areas is 336 square feet. With 5 feet up side walls =690 sq. Ft

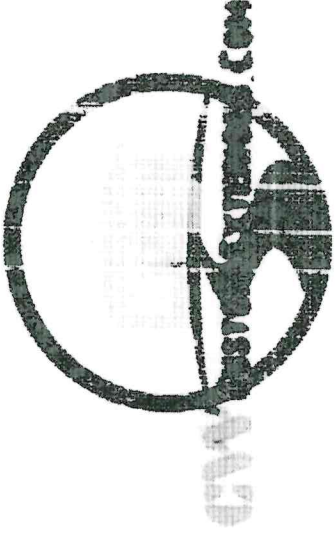
Drip Edge =1687 linear feet

Installation of 6 ft. (2 rows) of new Ice and Water shield membrane along all eaves and 3' through valleys.

Installation of new "Pro-Armor Synthetic Roof Underlayment" synthetic roofing underlayment over areas not covered with ice and water protection.

Installation of new vent pipe flashings. This material will meet or exceed the manufacturer's requirements and shall be installed "hidden fastener" fashion so that no "shiners" are present.

Installation of new Owens Corning TruDefinition Duration Architectural Roofing Shingles in Chateau Green over entire structure. Please see attached specs and warranty information.



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Shingles will be installed in strict accordance with the manufacturer's specifications and shall be fastened using five to six nails per shingle depending upon slope of roof.

Installation of manufacturer's pre-made hip and ridge material over all hips and ridges. Hip and ridge rows will be run straight and shall be installed according to manufacturer's instructions.

Roof sealant shall be used to seal along all walls and around all roof penetrations.

40 Year (Lifetime) transferable non-pro-rated Manufacturer Warranty.

Workmanship Warranty.

Haul away all debris via multiple roll of dumpsters placed at different locations of property, an equipter dumpster trailer and clean up grounds.

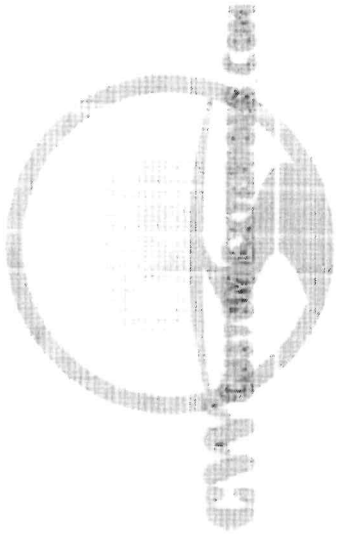
Cover all bushes, shrubs and flowers for protection.

INSURANCE & SAFETY

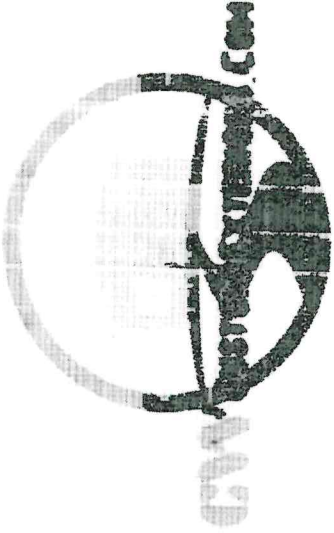
CWCustomExteriors.com LLC, shall provide general liability insurance as detailed on our certificate of insurance. Maximum liability is the limits of this insurance. A certificate of insurance will be issued upon request.

Safety is of primary importance to CWCustomExteriors.com LLC

We will set up required safety equipment at site needed to comply with OSHA construction guidelines including barricades, safety lines, ect.



CW CUSTOM EXTERIORS.COM * 143789 PACKER DR. WAUSAU, WI 54401 * 715-870-1000



CW CUSTOM EXTERIORS.COM * 143789 PACKER DR, WAUSAU, WI 54401 * 715-870-1852

We hereby propose to furnish material and labor - complete in accordance with the above specifications dated this 25th day of September, 2023 for the sum of One hundred seventy-four thousand five hundred twenty five dollars.

(\$174,525.00)

With payments to be made as follows:

Scheduled Payments: 65%/35%

\$ 113,441.25 Initial down payment

\$ 61,083.75 upon completion

ADDITIONAL WORK:

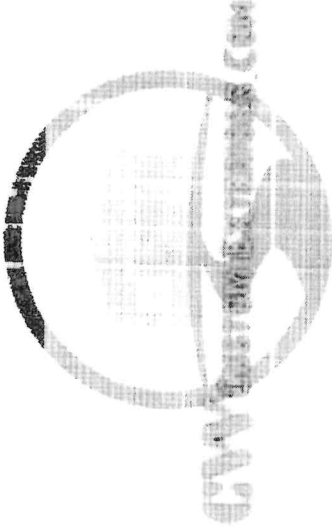
1/2" OSB REPLACEMENT @ \$80/sheet, \$280/square

Refresh and seal other Tower flashing: \$25/lf

Other rubber roof repairs on main building: \$350+ depending on issues found. Change Order would then be addressed and completed to update.

Note: this proposal may be withdrawn by us if not accepted within 30 days.

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only with approval.



CW CUSTOM EXTERIORS.COM * 143789 PACKER DR, WAUSAU, WI 54401 * 715-870-1000

All agreements contingent upon strikes, accidents, or delays beyond our control. Owner is to carry fire, tornado, and other necessary insurance.

Acceptance of Proposal - The above prices, specifications and conditions are satisfactory and are hereby accepted. Payment will be made as outlined above. A service charge of 1.5% per month will be charged to balance if not paid within 10 days. Replacement of any damaged or deteriorated decking discovered after removing existing roofing will be an additional cost of \$2.50 per square ft. of decking as needed after owner's approval. New decking will meet or exceed local building code requirements and H-clips will be used between all rafters.

Projected Start Date: Between 10-23-2023 to 11-10-2023. (Open window as dates can vary depending when contract is signed and weather permitting.)

Acceptance of Proposal

Customer _____

Date _____

Date _____

CW Custom Exteriors.com _____

Date _____



CW CUSTOM EXTERIORS.COM * 143789 PACKER DR, WAUSAU, WI 54401 * 715-870-1892

"CUSTOMER'S RIGHT TO CANCEL" You may cancel this agreement by mailing a written notice to CW Custom Exteriors.com before midnight of the third business day after you signed this agreement. If you wish, you may use this page as that notice by writing "I hereby cancel" and adding your name and address. A duplicate of this is provided by CW Custom Exteriors.com for your records.

ROOFING CONTRACTOR WORKMANSHIP WARRANTY

- 1) Contractor: _____
- 2) Roof Owner: _____
- 3) Type and Name of Building: _____
Building location: _____
- 4) Roofing Materials Manufacturer: _____
(Name and Address)
- 5) Warranty begins: _____ (Date) and expires: _____ (Date)
- 6) Area of Roof: _____
Warranty: Contractor warrants to Owner that it applied the roofing materials to the above-described roof in accordance with (a) the written specifications of Roofing Materials Manufacturer and (b) good roofing industry practices, in effect on _____ the date application commenced. Subject to the following terms, conditions and limitations, Contractor will, during the term of this Warranty, at its expense, repair or cause to be repaired leaks in said roof which are the result of defects in Contractor's workmanship. Upon expiration of the term of this Warranty, without notice from Owner of some defect, Contractor shall have no further obligation to make repairs at Contractor's expense under any provision of this Warranty and Owner shall not make any further demand or claim against Contractor concerning Contractor's workmanship, or the roofing materials installed, provided that Contractor promptly commences and diligently proceeds with the correction and repair of all such defects covered by this Warranty which are called to Contractor's attention in the manner set forth in paragraph 8 below during the term of this Warranty by Owner.
- 7) Terms, Conditions and Limitations. This warranty does not cover any leaks in the roof caused by: the acts or omissions of other trades or contractors; lightning, winds of peak gust speeds of 55 m.p.h. or higher measured at 10 meters above ground, hail storm, flood, earthquake or other unusual phenomenon of the elements; structural settlement; failure, movement, cracking or excess deflection of the roof deck; defects or failure of materials used as a roof substrate over which the roof system is applied; faulty condition of parapet walls, copings, chimneys, skylights, vents, supports or other parts of the building; vapor condensation beneath the roof; penetrations for pitch boxes; erosion, cracking and porosity of mortar and brick; dry rot; stoppage of roof drains and gutters; penetration of the roof from beneath by rising fasteners of any type; inadequate drainage, slope or other conditions beyond the control of Contractor which cause ponding or standing of water; termites or other insects; rodents or other animals; fire; or harmful chemicals, oils, acids and the like that come in contact with the roofing system and cause a leak or otherwise damage the roof system. If the roof fails to maintain a water-tight condition because of damage by reason of any of the foregoing, this warranty shall immediately become null and void for the balance of its term unless such damage is repaired by Contractor at the expense of Owner.
- 8) Notification by Owner. During the term of this warranty, if the roof leaks, Owner must immediately notify Contractor by telephone of such leaks, and promptly confirm such telephone notice by written notice to Contractor.
- 9) Events Which May Void Warranty. This warranty shall become null and void:
 - (a) Unless Contractor receives notice from Owner during the term of this Warranty in accordance with paragraph 8 above of any leaks and is provided an opportunity to inspect, and if required by the terms of this warranty to repair the roof;
 - (b) If work is done on such roof, including, but without limitation, work in connection with flues, vents, drains, railings, sign braces, platforms or other equipment fastened to or set on the roof or if repairs or alterations are made to said roof, without first notifying Contractor in writing and giving Contractor the opportunity to make the necessary roofing application recommendations with respect thereto, which recommendations are complied with. Contractor shall be paid for time and materials expended in making recommendations or repairs occasioned by the work of others on the subject roof;
 - (c) If any area of the roof is used as a promenade, walkway or work area or is sprayed or flooded, unless such use was originally specified with a defined area and the specification is noted in paragraph 14 below.
- 10) Transferability. This warranty shall accrue only to the benefit of the original owner named above. It is not transferable to any other person, except with the prior written consent of Contractor.
- 11) No Other Warranties. **NO OTHER EXPRESS WARRANTY IS GIVEN BY CONTRACTOR TO OWNER. THE REPAIR OF THE SUBJECT ROOF IS THE EXCLUSIVE REMEDY. THERE ARE NO WARRANTIES THAT EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. ALL IMPLIED WARRANTIES, AND SPECIFICALLY THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR ANY PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED AND DISCLAIMED.** This warranty is separate and apart from any warranty that may be issued to Owner by the Roofing Materials Manufacturer. **CONTRACTOR EXPRESSLY EXCLUDES AND DISCLAIMS ANY RESPONSIBILITY TO OWNER IN CONNECTION WITH OR ATTRIBUTABLE TO THE ROOFING MATERIALS AND ANY SUCH ROOFING MATERIALS MANUFACTURER'S WARRANTY.**
- 12) Incidental or Consequential Damages. **UNDER NO CIRCUMSTANCES SHALL CONTRACTOR BE LIABLE TO OWNER OR ANY OTHER PERSON FOR ANY INCIDENTAL, SPECIAL, CONSEQUENTIAL OR OTHER DAMAGES INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS OR DAMAGE TO OR LOSS OF USE OF THE BUILDING OR ITS CONTENTS, WHETHER ARISING OUT OF BREACH OF WARRANTY, BREACH OF CONTRACT OR UNDER ANY OTHER THEORY OF LAW.**
- 13) Payment to Contractor. This warranty shall not be or become effective unless and until Contractor has been paid in full for said roof in accordance with the agreement pursuant to which said roof was applied.
- 14) Additional conditions or exclusions _____

This warranty has been duly executed this _____ day of _____, 2018.

By: _____ Contractor
By: _____ Owner

COMMERCIAL ROOF REPORT

Client Information:

CWCustomExteriors

Ph: 715-870-1892

Email: cwcustomexterior@gmail.com



Customer Information

1592 I-39 Frontage Rd, Kronauwetter, WI 5455

Order No. 100050363

August 04, 2023

AERIAL ESTIMATION

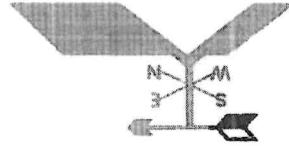
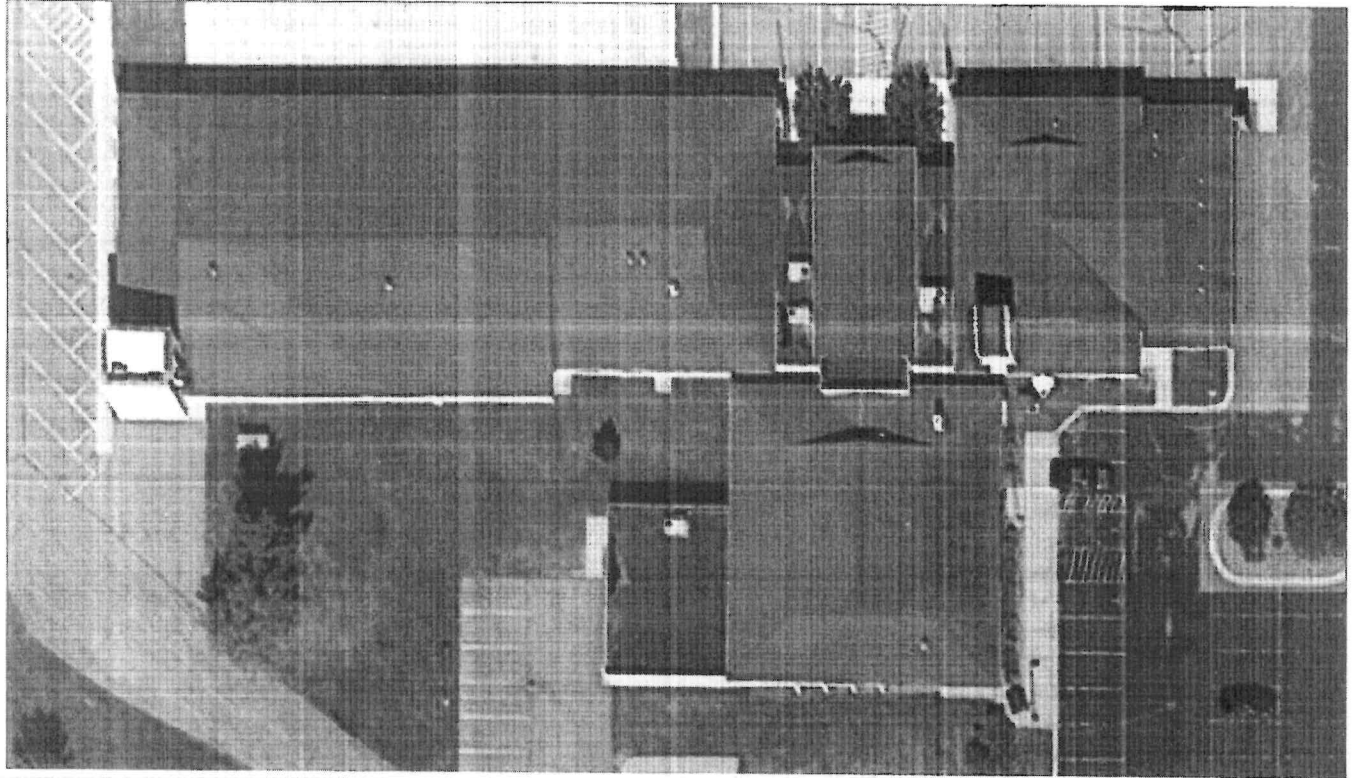


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Area Measurements	7
Pitch Values	8
Street View	9



Aerial View

Client Information:
CWCustomExteriors

Ph: 715-870-1892

Email: cwcustomexteriorors@gmail.com

Customer Information

1582 I-39 Frontage Rd, Kronenwetter, WI 54555

Commercial Roof Report

Order No. 1000050363

August 04, 2023

Commercial Roof Report

Customer Information

1582 I-39 Frontage Rd, Kronenwetter, WI 54455

Order No. 100050363

August 04, 2023

Client Information:
 CWCustomExteriors

Ph: 715-870-1892

Email: cwcustomexteriorso@gmail.com

Summary of Lengths, Areas and Pitches Table

Category	Value
Total Area	349.93
Primary Pitch	4:12, 0:12, 5:12
Ridges (ft)	346
Hips (ft)	340
Rakes (ft)	365
Eaves (ft)	1322
Apron Flashing (ft)	583
Parapet Lengths (ft)	65
Ridge + Hips (ft)	686

Note: All measurements are rounded off to nearest square foot. Areas that where appropriate

Category	Main Structure	Detached Building 1	Detached Building 2	Flat Roof 0:12 (Break Down)
Total Area	345	31237		3756
Ridges (ft)	340			0
Hips (ft)	340			0
Rakes (ft)	365			0
Eaves (ft)	1095			227
Valleys (ft)	114			0
Apron Flashing (ft)	263			320
Step Flashing (ft)	149			0
Ridge + Hips (ft)	686			0
Rakes + Eaves (ft)	1460			327

Pitch/Slope	Area
0:12	3756
4:12	29382
5:12	1855
Total	34993

Pitches table

Client Information:
CWCustomExteriors

Ph: 715-870-1892

Email: cwcustomexterior@gmail.com

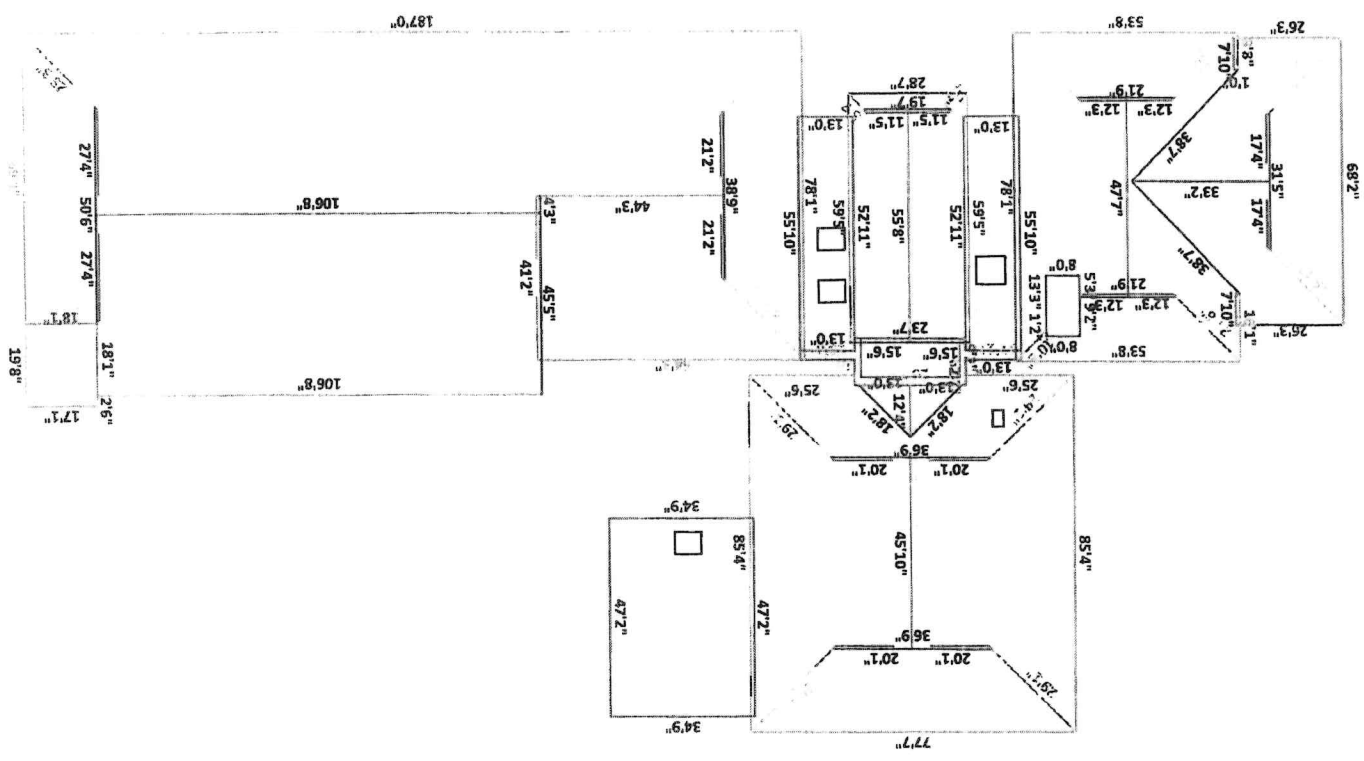
Customer Information

1582 I-39 Frontage Rd, Kronenwetter, WI 54455

Order No. 100050363

August 04, 2023

Commercial Roof Report



Length Plan

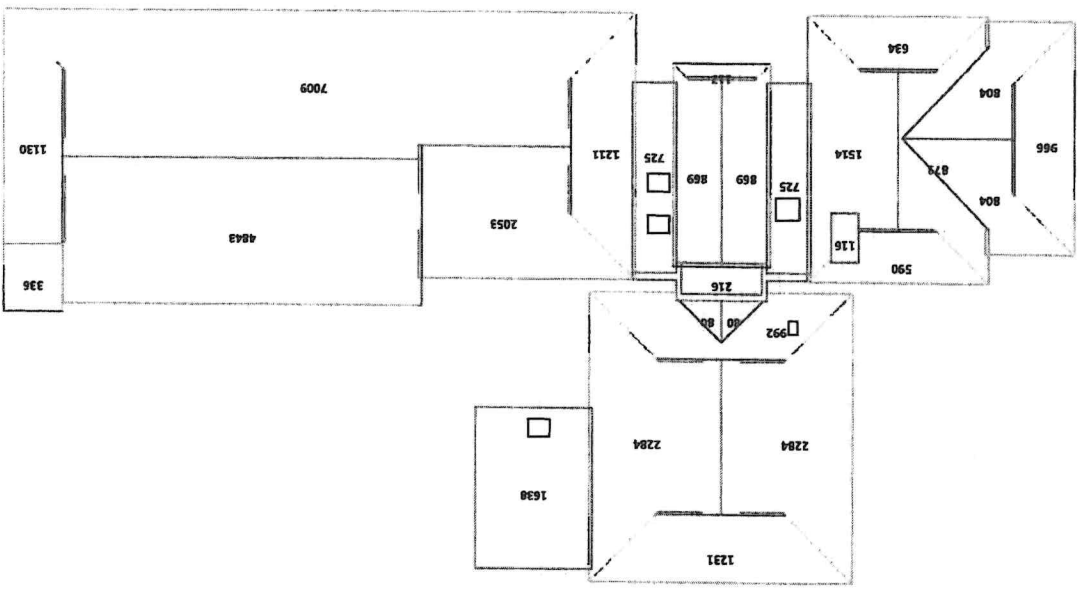
Legend
Gables (ft) = 1322 Rakes (ft) = 365 Ridges (ft) = 346
Valleys (ft) = 114 Apron Flashing (ft) = 583 Step Flashing (ft) = 149 Parapet Lengths (ft) = 65
6 // Page

Client Information:
CWCustomExteriors
Ph: 715-870-1892
Email: cwcustomexteriorso@gmail.com

Customer Information
1582 I-39 Frontage Rd, Kronenwetter, WI 54455

Order No. 100050363
August 04, 2023

Commercial Roof Report



Waste Factor Calculation for (349.93) Sq
5% 367.43
10% 384.92
12% 391.92
15% 402.42
18% 412.92
20% 419.92
25% 437.41

Client Information:
CWCustomExteriors

Ph: 715-870-1892

Email: cwcustomexterior@gmail.com

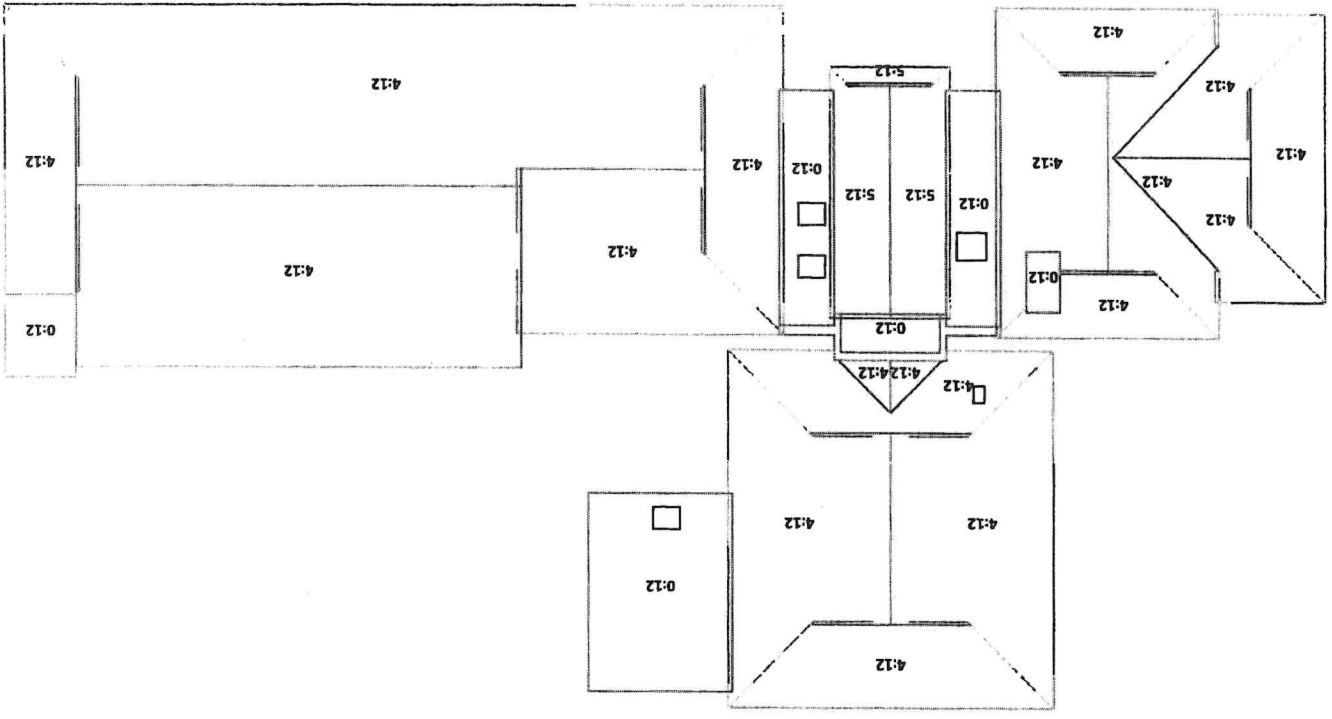
Customer Information

1582 I-39 Frontage Rd, Kronenwetter, WI 54555

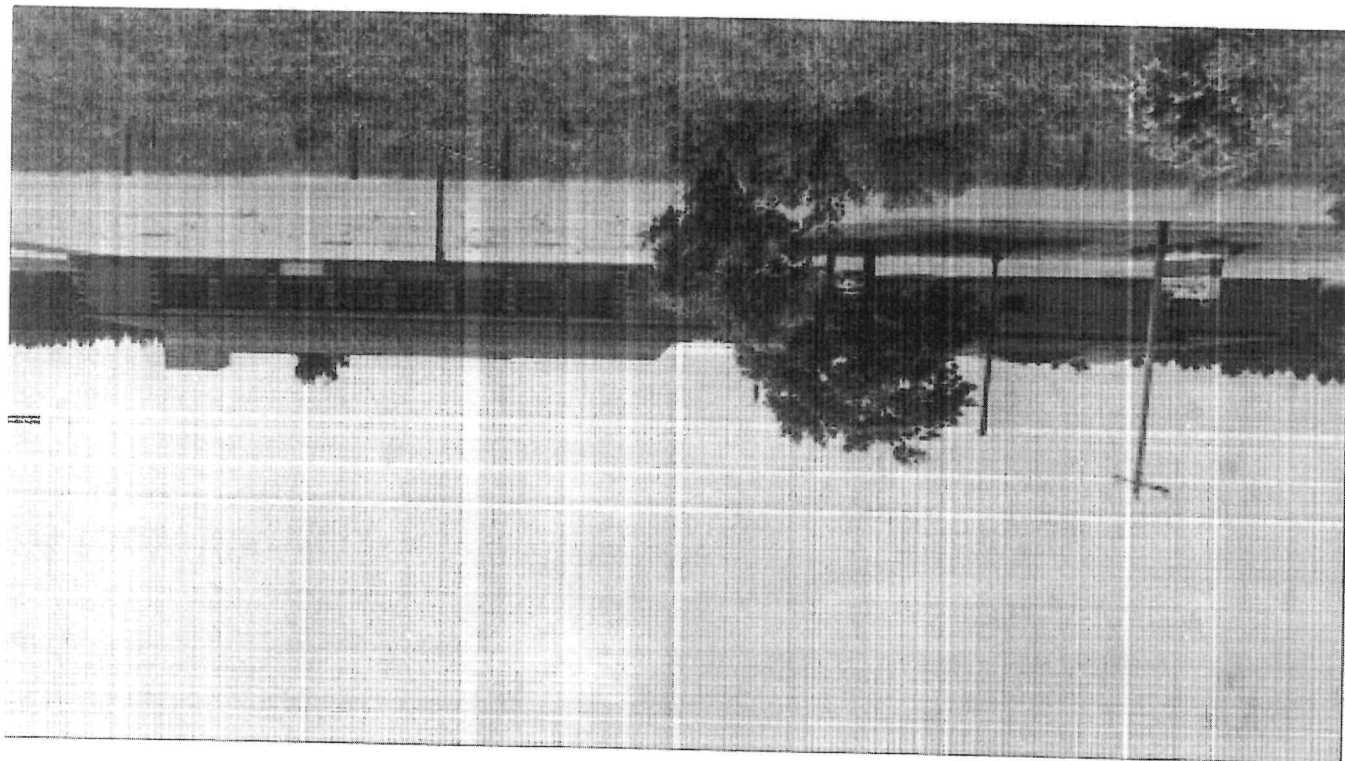
Order No. 100050363

August 04, 2023

Commercial Roof Report



Street View



Client Information:
CWCustomExteriors

Ph: 715-870-1892

Email: cwcustomexterior@gmail.com

Customer Information

1582 I-39 Frontage Rd, Kronenwetter, WI 54455

Commercial Roof Report

Order No. 100050363

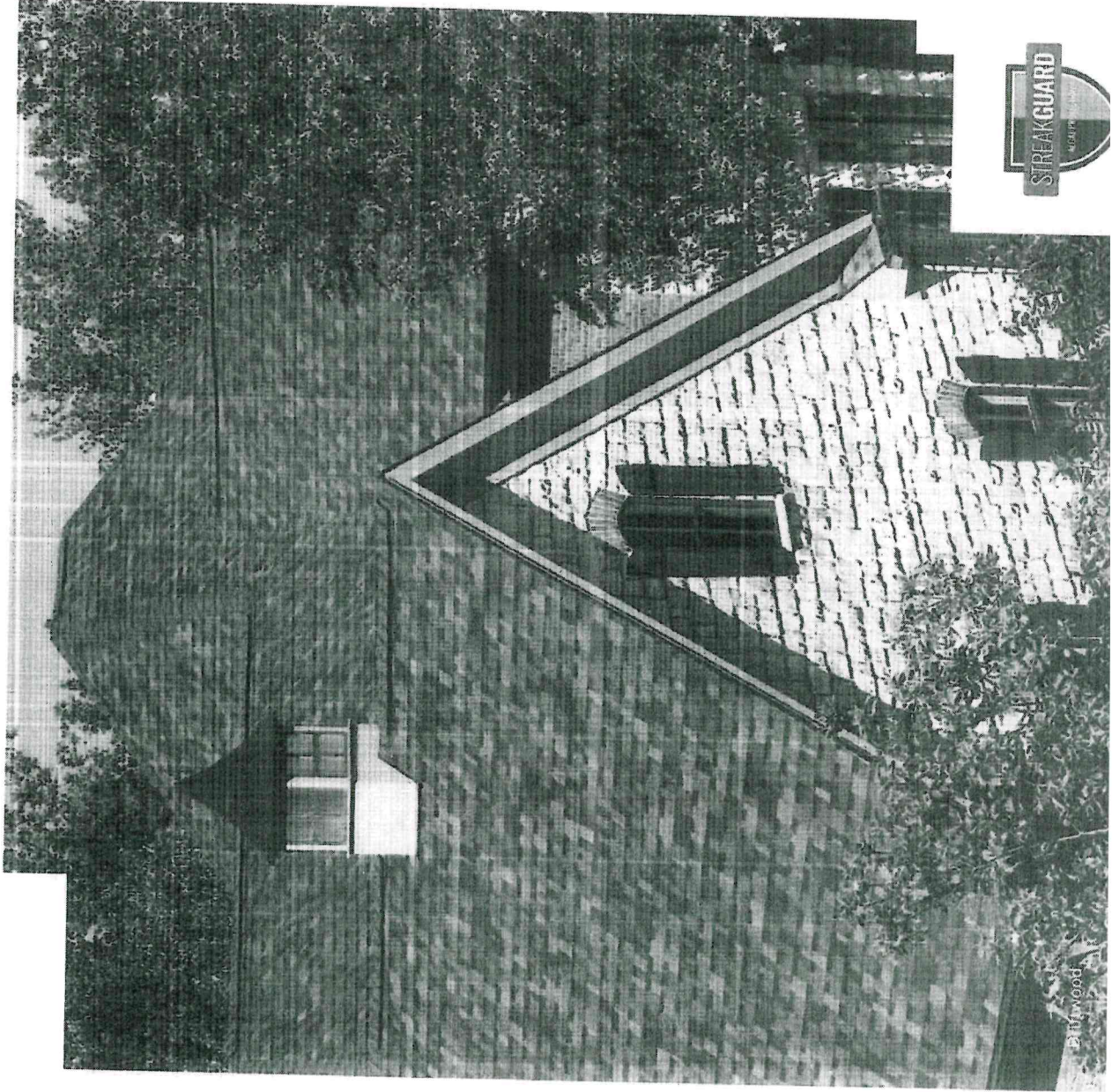
August 04, 2023



TruDefinition®

DURATION®

Shingles with Patented SureNail® Technology
Tejas con tecnología patentada SureNail®



© 2011 Wood





TOTAL PROTECTION SIMPLIFIED™

It takes more than just shingles to protect a home. It takes an integrated system of components and layers designed to perform in three critical areas. The Owens Corning® Total Protection Roofing System® gives you the assurance that all of your Owens Corning® roofing components are working together to help increase the performance of your roof.

PROTECCIÓN TOTAL SIMPLIFICADA™

Se necesita más que simplemente tejas para proteger su vivienda. Se necesita un sistema integral de componentes y capas diseñadas para desempeñarse en tres áreas críticas. El Total Protection Roofing System® de Owens Corning® le garantiza que todos sus componentes para cubiertas de Owens Corning® funcionan en conjunto para mejorar el desempeño de su techo.



SEAL.

HELPS CREATE A WATER-PROOF BARRIER
AYUDA A CREAR UNA BARRERA IMPERMEABLE

**Self-adhered
Ice & water barrier**
Barrera autoadhesiva
contra el hielo y el agua

Synthetic underlayment
Membrana
Impermeabilizante
sintética



DEFEND.

HELPS PROTECT AGAINST NATURE'S ELEMENTS
PROTEGE CONTRA LOS ELEMENTOS CLIMÁTICOS

Starter shingles
Tejas de arranque

Laminate shingles
Tejas laminadas

Hip & Ridge shingles
Tejas de lirmatesa
y cumbreira

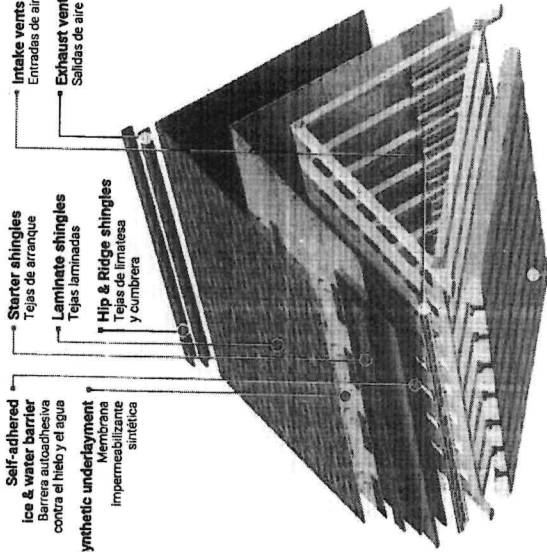


BREATHE.

FOR BALANCED ATTIC VENTILATION
PARA UNA VENTILACION EQUILIBRADA DEL ATICO

Intake vents
Entradas de aire

Exhaust vents
Salidas de aire



ADD COMFORT AND ENERGY PERFORMANCE
MÁS CONFORT Y DESEMPEÑO ENERGÉTICO

**PINK® Fiberglas®
blow-in attic insulation**
Aislamiento para áticos PINK®
Fiberglas® aplicado por impulsión



REGISTER YOUR WARRANTY

Registering your Owens Corning® warranty ensures it's easily referenced should you ever need to access it. The process is easy—just have your installation date, shingle type, shingle color and number of squares ready. Then go online to www.owenscorning.com/roofingstandardwarranty or call 1-800-ROOFING (1-800-766-3464) to finish the process.

REGISTRE SU GARANTÍA

Al registrar su garantía de Owens Corning® la podrá consultar rápidamente si fuera necesario acceder a ella. El proceso es simple: tenga a mano la fecha de instalación, el tipo y color de tejas y la cantidad de cuadrados. Luego, visite www.owenscorning.com/roofingstandardwarranty o llame al 1-800-ROOFING (1-800-766-3464) para completar el proceso.



**SCAN TO REGISTER
YOUR WARRANTY**

Escanee para registrar
su garantía

DEEP DIMENSION OUTSTANDING PERFORMANCE

Duration® Shingles offer:

- The high-performance of SureNail® Technology
- A TruDefinition® Color Platform
- A Limited Lifetime Warranty** for as long as you own your home
- The protection of a 130-MPH* wind warranty
- StreakGuard™ Protection with a 25-year Algae Resistance Limited Warranty^{2a}

UNA NUEVA DIMENSIÓN DESEMPEÑO SOBRESALIENTE

Las tejas Duration® ofrecen:

- El gran desempeño de la tecnología SureNail®
- La gama de colores TruDefinition®
- Una garantía limitada de por vida** mientras sea propietario de la vivienda
- La protección de una garantía contra vientos de hasta 210 km/h (130 mph)*
- Protección StreakGuard™ con una garantía limitada de 25 años de resistencia a las algas ^{2a}



Don't let black streaks lower the value or curb appeal of your home.

Owens Corning blends specialized copper-lined granules, developed by 3M, a leading producer of roofing granules, into our colorful shingles. This helps resist blue-green algae growth.*

No deje que las manchas de algas afecten al valor o aspecto de su vivienda.

En sus coloridas tejas, Owens Corning añade gránulos especiales con recubrimiento de cobre, desarrollados por 3M, un productor líder de gránulos para techos. Esto ayuda a prevenir la proliferación de algas azul-verdosas.*

THE FINISHING TOUCH

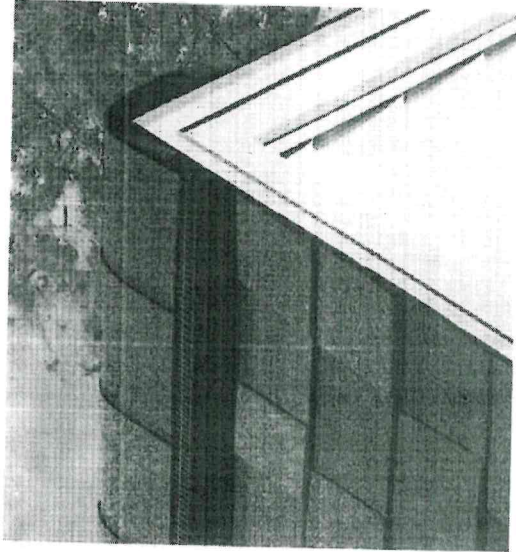
OWENS CORNING® HIP & RIDGE SHINGLES

Owens Corning® Hip & Ridge Shingles are uniquely color matched to TruDefinition® Duration® Shingles. The multiple color blends are only available from Owens Corning® Roofing and offer a finished look for the roof.

EL TOQUE FINAL

TEJAS DE LIMATESA Y CUMBRERA DE OWENS CORNING®

Las tejas de limatesa y cumbrera de Owens Corning® se ofrecen en una exclusiva gama de colores para combinar con las tejas Duration® TruDefinition®. Esta gran variedad de combinaciones de colores es una exclusividad de Owens Corning® Roofing para lograr techos con un acabado único.



TruDefinition®
DURATION®

Shingles with Patented SureNail® Technology | Tejas con tecnología patentada SureNail®



Brownwood'



Chateau Green'



Colonial Slate'



Desert Rose'



Driftwood'



Estate Gray'



Midnight Plum'



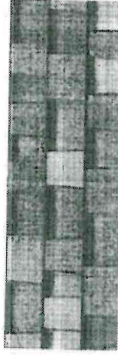
Onyx Black'



Peppercorn'



Sand Castle'



Sierra Gray'



Slatestone Gray'



Teak'



Terra Cotta'



Williamsburg Gray'

COLOR DISCLAIMER

As color experts, we know getting the shingle color right is a big part of any roofing purchase. Due to printing color variations, in addition to viewing shingle literature, we suggest you request an actual shingle sample to see how it will appear on your home and with your home's exterior elements in various natural lighting conditions. Lastly, we recommend you verify your color choice by seeing it installed on an actual home, your roofing contractor or supplier can provide a sample and may be able to direct you to a local installation.

DESCARGO DE RESPONSABILIDAD SOBRE LOS COLORES

En tanto que especialistas en color, sabemos que obtener el color de teja perfecto es una parte importante en toda compra de techos. Debido a las variaciones en los colores impresos, además de mirar folletos de tejas, le sugerimos que solicite una muestra de la teja para ver como se verá en su hogar y con los elementos externos de la vivienda bajo distintas condiciones de luz natural. Finalmente, le recomendamos que para verificar su elección de colores, vea cómo lucen las tejas ya instaladas en una vivienda, su contratista de techos o su proveedor le pueden dar una muestra e incluso indicarle dónde ver un techo ya instalado.

THERE'S A LINE BETWEEN A GOOD SHINGLE AND A GREAT SHINGLE.®

It's the nailing line on your shingles. The difference between a good shingle and a great shingle is having Patented SureNail® Technology, only from Owens Corning.

HAY UNA GRAN DIFERENCIA ENTRE UNA BUENA TEJA Y UNA TEJA EXCELENTE™

Es la línea de clavado en su tejas. La diferencia entre una buena teja y una teja excelente es la tecnología patentada SureNail®, una exclusividad de Owens Corning.

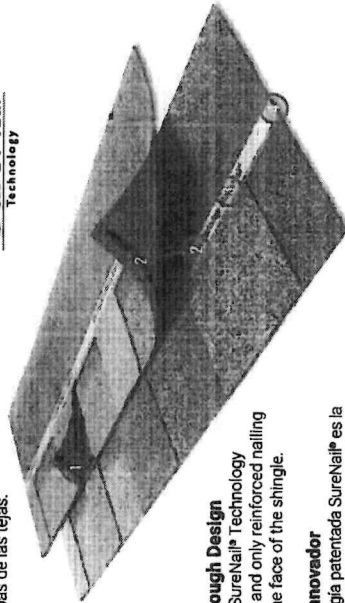
①

Excellent Adhesive Power

Helps keep the shingle layers laminated.

Excelente poder adhesivo

Ayuda a conservar el laminado de las capas de las tejas.



②

Breakthrough Design

Patented SureNail® Technology is the first and only reinforced nailing zone on the face of the shingle.

Diseño innovador

La tecnología patentada SureNail® es la primera y la única que provee un área de clavado reforzada en la cara de la teja.

"No Guess" Wide Nailing Zone

This tough, engineered woven-fabric strip is embedded in the shingle to create an easy-to-see, strong, durable fastener zone.

Área de clavado ancha, sin cálculos "a ojo"

Esta banda resistente de tela mecánica tejida está incrustada en la teja para proveer un área de sujeción resistente, duradera y fácil de detectar.

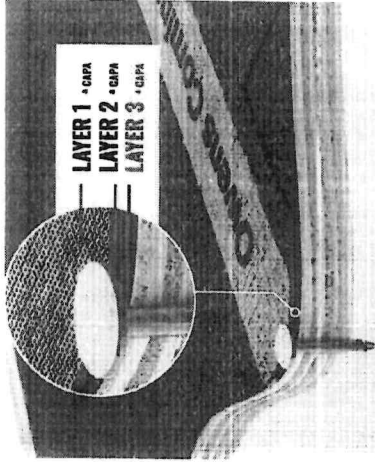
③

Outstanding Grip

The SureNail® strip enhances the already amazing grip of our proprietary Tru-Bond®** sealant for exceptional wind resistance of a 130-MPH wind warranty.

Agarre excepcional

La banda SureNail® mejora el excelente agarre de nuestro sellador patentado Tru-Bond®** con una garantía de resistencia al viento excepcional de 210 km/h (130 mph).



THE PROOF IS IN THE PERFORMANCE
LA PRUEBA ESTÁ EN EL DESEMPEÑO



Up to **2.5X** BETTER NAIL PULL-THROUGH RESISTANCE
Hasta **2.5** VECES MEJOR RESISTENCIA A LA TRACCIÓN DE LOS CLAVOS



Up to **9X** BETTER NAIL BLOW-THROUGH RESISTANCE
Hasta **9** VECES MEJOR RESISTENCIA AL DESPRENDIMIENTO DE LOS CLAVOS



Up to **2X** BETTER DELAMINATION RESISTANCE
Hasta **2** VECES MEJOR RESISTENCIA A LA DELAMINACIÓN

Product Attributes

- Warranty Length*
Limited Lifetime*
(for as long as you own your home)
- Wind Resistance Limited Warranty*
130-MPH
- Algae Resistance Limited Warranty**
25 Years
- TRU PROtection® Non-Prorated Limited Warranty* Period
10 Years

TruDefinition® Duration® Shingles Product Specifications

Size	13 1/4" x 39 1/2"
Application Exposure	5 1/2"
Shingles per Bundle	Not less than 20
Average Shingle Count per 3 Bundles	64
Average Coverage per 3 Bundles	98.4 sq. ft.

Applicable Standards and Codes

ASTM D3462
ASTM D2228
ASTM D3018 (Type 1)
ICC-ES AC438*
ASTM D3161 (Class F Wind Resistance)
ASTM D7158 (Class H Wind Resistance)
ASTM E108/UL 790 (Class A Fire Resistance)
PRI ER 1378E01
Florida Product Approval
Miami-Dade County Product Approval†

- * See actual warranty for complete details, limitations and requirements.
- † 40-Year Limited Warranty on commercial projects
- ‡ Owens Corning testing against competing products with wick, single-layer nailing zones when following manufacturers' installation instructions and nailing in the middle of the allowable nailing zone.
- ** TriuBond® is a proprietary premium weathering-grade asphalt sealant that is blended by Owens Corning Roofing and Asphalt, LLC.
- † The amount of Triple Layer Protection® may vary on shingle-to-shingle basis.
- # International Code Council Evaluation Services Acceptance Criteria for Alternative Asphalt Shingles.
 - Excludes non-Owens Corning® roofing products such as flashing, fasteners, pipe boots and wood decking.
- 1 See Color Disclaimer information on page 2 for additional details.
- 2 Applies to all areas that recognize Miami-Dade Notice of Acceptance (NOA).
- 3 Shingles are algae resistant to control the growth of algae and discoloration.
- § This coverage is effective 1/1/2023; installation must include use of an Owens Corning® Hip & Ridge product. See actual warranty for details.
- For Patent information, please visit owenscorning.com/patents.
- ¶ SureNail® Technology is not a guarantee of performance in all weather conditions.
- 4 Owens Corning® Black Sable shingle includes a patented design.



OWENS CORNING ROOFING AND ASPHALT, LLC
ONE OWENS CORNING PARKWAY
TOLEDO, OHIO, USA 43659
1-800-GET-PINK® | 1-800-438-7465
www.owenscorning.com

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(Brookville, Medina, Minneapolis, Summit)

Características del producto

- Período de garantía*
Garantía limitada de por vida*
(mientras sea propietario de la vivienda)
- Garantía limitada de resistencia al viento*
210 km/h (130 mph)
- Garantía limitada de resistencia a las algas**
25 años
- Período no prorrateado de garantía limitada TRU PROTECTION®
10 años

Especificaciones de las tejas Duration® TruDefinition®

Tamaño	33.65 x 100 cm (13 1/4 x 39 1/2 pulg)
Exposición de aplicación	14.3 cm (5 1/2 pulg)
Tejas por paquete	20 como mínimo
Cantidad promedio de tejas por 3 paquetes	64
Cobertura promedio por 3 paquetes	9.14 m² (98.4 pies²)

Normas y códigos pertinentes

ASTM D3462
ASTM D2228
ASTM D3018 (Tipo 1)
ICC-ES AC438*
ASTM D3161 (Resistencia al viento, Clase F)
ASTM D7158 (Resistencia al viento Clase H)
ASTM E108/UL 790 (Resistencia al fuego Clase A)
PRI ER 1378E01
Aprobación del producto en el estado de Florida
Producto aprobado por el condado de Miami-Dade†

- * Consulte la garantía para obtener una lista completa de detalles, limitaciones y requisitos.
- † Garantía limitada de 40 años para proyectos comerciales.
- ‡ Ensayos comparativos de Owens Corning con productos de la competencia con zonas de clavado ancho de una sola capa cuando se siguen las instrucciones de instalación del fabricante y se clava en el medio de la zona de clavado permitida.
- ** Triu-Bond® es un sellador asfáltico patentado de calidad premium formulado por Owens Corning Roofing® and Asphalt, LLC.
- † La cantidad de Triple Layer Protection® puede variar entre una teja y otra
- # Criterios de aceptación de los servicios de evaluación del Consejo Internacional de Códigos para tejas asfálticas alternativas.
 - Se excluyen productos para techos no fabricados por Owens Corning®, como tapajuntas, sujetadores, bases de tubos y estructuras de soporte de madera.
- 1 Para obtener más información, consulte el Descargo de responsabilidad sobre los colores, en la página 2.
- 2 Aplicable a todas las zonas que reconozcan el Aviso de aceptación (NOA, Notice of Acceptance) del condado de Miami Dade.
- 3 Las tejas son resistentes a las algas para controlar su desarrollo y la decoloración.
- § Esta cobertura entra en vigor el 1 de enero de 2023; la instalación debe incluir el uso de un producto para limpiatejas y cumbrera de Owens Corning®.
- Para información sobre la patente, visite www.owenscorning.com/patents.
- ¶ La tecnología SureNail® no es una garantía de desempeño en todos los tipos de condiciones climáticas.
- 4 Las Tejas Black Sable de Owens Corning® incluyen un diseño patentado.

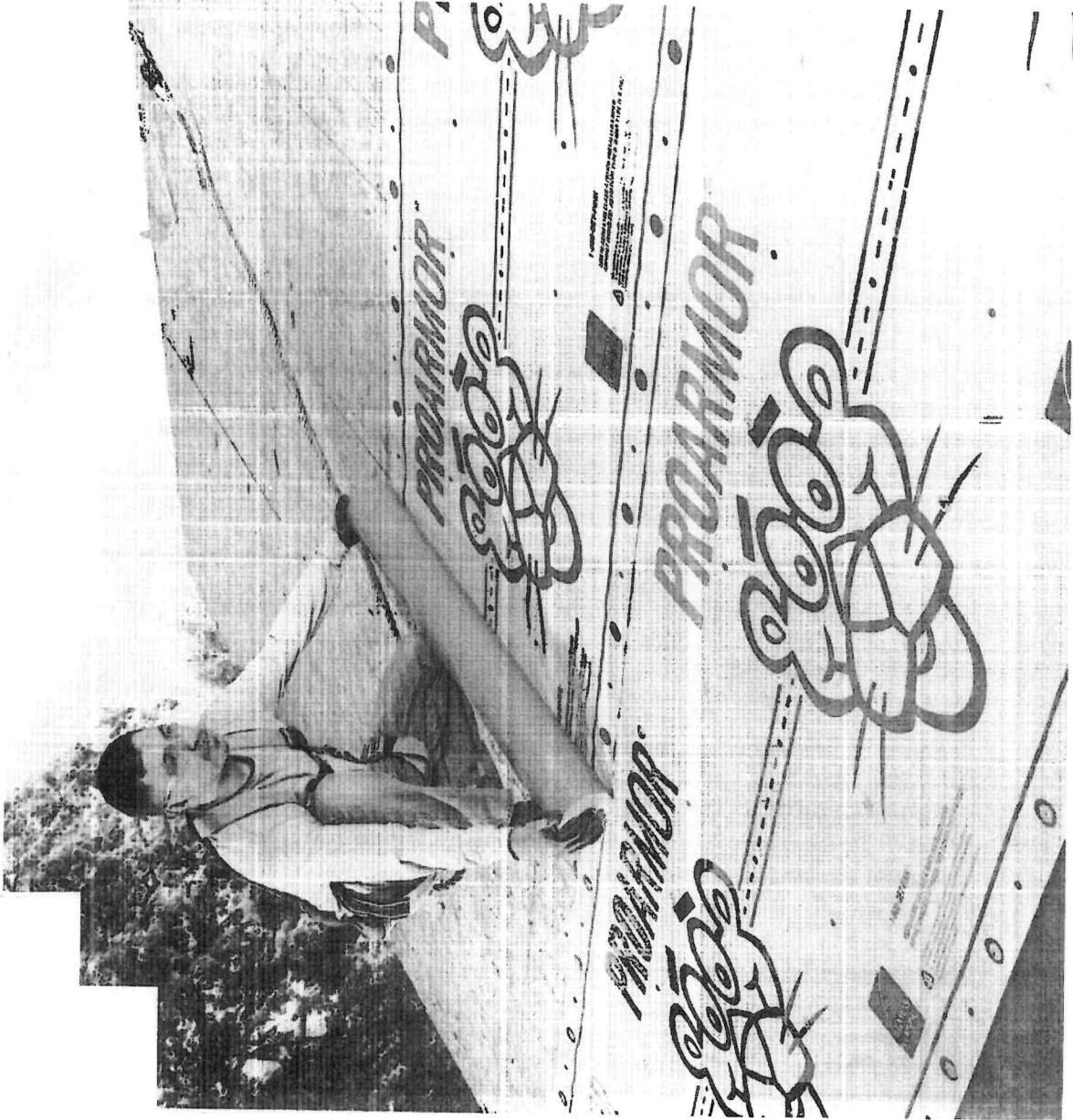
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(Brookville, Medina, Minneapolis, Summit)

Limited 40 years ↑



PROARMOR® SYNTHETIC ROOF UNDERLAYMENT

With Slip-Resistant Fusion Back Coating Technology*



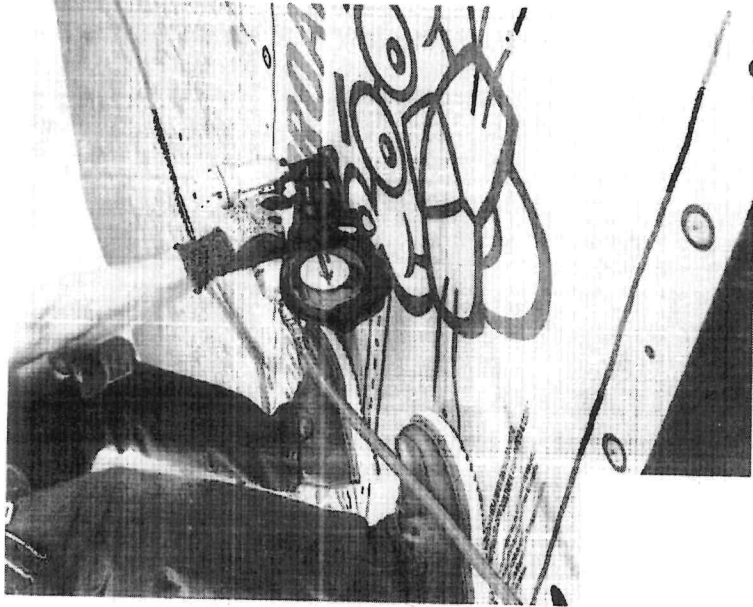
TOTAL PROTECTION. TOTAL CONFIDENCE.
▲ SEAL ▲ DEFEND ▲ BREATHE

Choose the synthetic strength of ProArmor® Underlayment.

As a contractor, you know that a roof is only as strong as its weakest component. So why would you risk your reputation on felt paper?

Owens Corning® ProArmor® Synthetic Roof Underlayment with Fusion Back Coating Technology® is strong, durable and repels water unlike felt paper. It's also lighter, easier to install and contributes to safe working conditions for your crew.

ProArmor® can withstand UV exposure up to 90 days and can be used under asphalt and metal roofing.



ProArmor Underlayment outperforms conventional felt paper — the reason to switch is clear.

Performance Feature	ProArmor® Underlayment	Conventional Felt Paper
Moisture resistance	✓ Repels and sheds water	Absorbs water
Enhanced slip resistance	✓ Features slip-resistant Fusion Back Coating Technology™	None
Enhanced tear resistance	✓ Resists tearing when walked on or in high winds	May tear during installation which can cause leaks
Easy-to-install wide rolls	✓ 42 in.	36 in.
Lightweight	✓ 2.3 lbs. per square ††	11.5 lbs. per square
More coverage per roll	✓ 9.29 squares per roll (with 3-in. overlap)	4.08 squares per roll (with 2-in. overlap)
More material per roll	✓ 10 squares per roll	4.32 square per roll
Longer UV exposure	✓ Can be left exposed for up to 90 days*	Must be covered immediately
Helpful fastening guides	✓ Clearly marked	None
Warranty coverage	✓ 10-Year Limited Warranty*	None



Strong for the roof. Safe for your crew.

ProArmor® Underlayment with Fusion Back Coating Technology®.

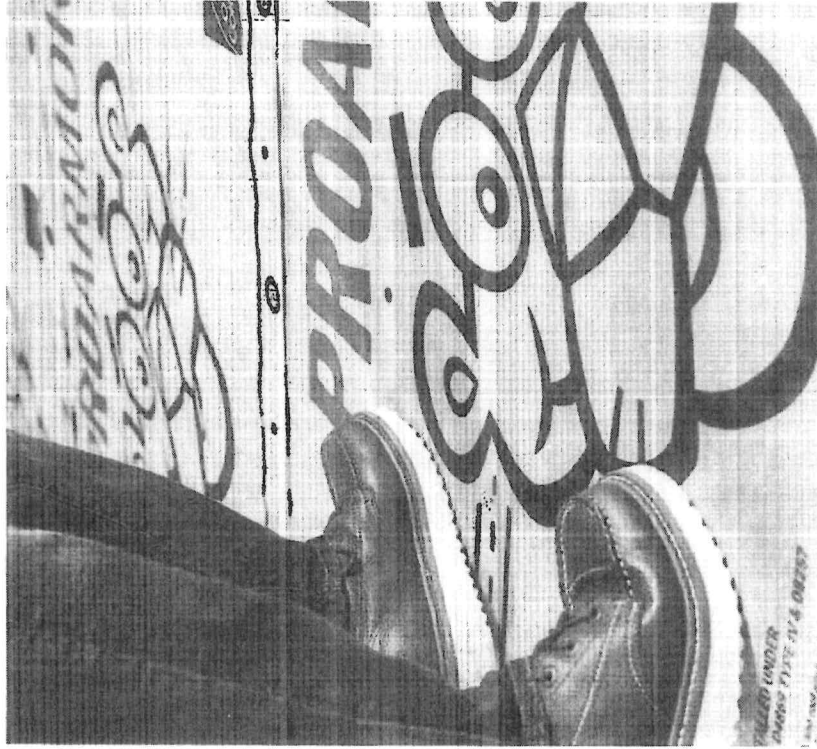
When it comes to doing a job right, few things are as important as reliable product performance and the safety of your crew.

Our exclusive Fusion Back Coating Technology® practically eliminates the underlayment from sliding against the roof deck.

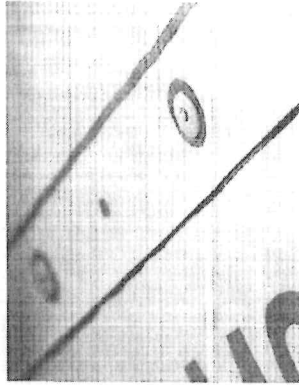
The result? A stable walking surface and minimal tearing around fasteners that could lead to water infiltration.



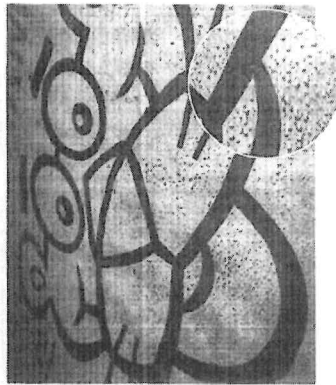
Installs quickly and easily
ProArmor® Underlayment comes in 42 inch lightweight rolls for easy installation.



Dual-surface slip resistance
Fusion Back Coating Technology® paired with a non-woven surface provides excellent walking conditions during shingle application even on steeply pitched roofs.



Resists stretching and tearing
ProArmor® Underlayment resists stretching and tearing around fasteners.



Repels moisture
ProArmor® Underlayment provides protection against water infiltration.

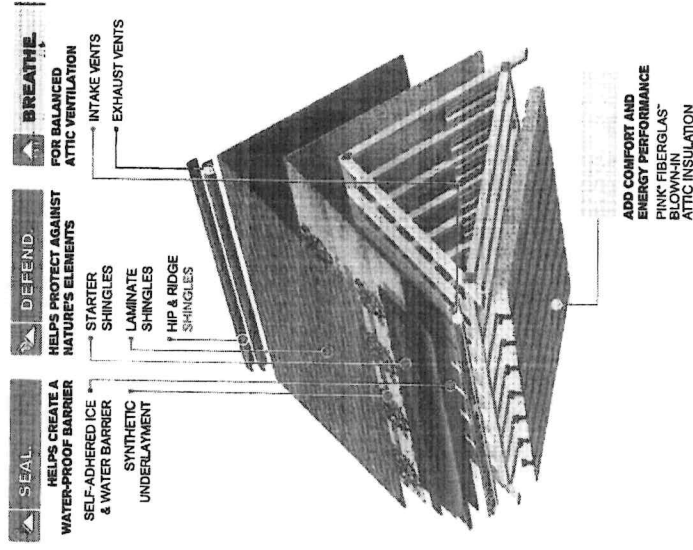
ProArmor® Underlayment by Owens Corning, the most trusted roofing brand. ^{AA}

ProArmor® Underlayment is designed to deliver the quality and performance you expect from Owens Corning® Roofing, which is why we have a 10-year limited warranty.* Plus, ProArmor® Underlayment is a qualifying accessory for our extended system limited warranties.*

TOTAL PROTECTION SIMPLIFIED™



It takes more than just shingles to protect your home. It takes an integrated system of components and layers designed to withstand the forces of nature outside while controlling temperature and humidity inside. The Owens Corning® Total Protection Roofing System^{®AA} gives you the assurance that all of your Owens Corning® roofing components are working together to help increase the performance of your roof – and to enhance the comfort and enjoyment of those who live beneath it.



Product Attributes

Warranty Length	10-Year Limited*
Application	For use under asphalt and metal roofing

Typical Values

Length per Roll	286 ft
Width per Roll	42 in
Nominal Weight per Roll**	25 lbs
Coverage (with 3-in. overlap)	929 sq ft
Exposed Color	Light gray
Surface Construction	Non-woven

Applicable Standards and Codes

ASTM D226 Type II
ASTM D4869 Type IV
ASTM D8257
ASTM E108/JUL 790 (Class A Fire Resistance)†
ICC-ES AC188
CCRR-1068
Florida Product Approval
Miami-Dade Product Approval**
TDI (Texas Department of Insurance)

* See actual warranty for complete details, limitations and requirements. A, longer limited warranty term applies when ProArmor® Underlayment is used in conjunction with Owens Corning® Roofing Shingles.

† Special application required for extended exposure. See installation instructions.

** Includes core weight.

†† Excluding core weight.

‡ Underlayment is tested as part of a roof assembly that includes wood decking, underlayment and asphalt shingles.

§ Applies for all areas that recognize a Miami-Dade Notice of Acceptance (NOA).

* Excludes non-Owens Corning® roofing products such as flashing, fasteners, pipe boots and wood decking.

^{AA} 2018 Roofing Brand Awareness Study by Owens Corning Roofing and Asphalt, LLC.

Owens Corning Roofing and Asphalt, LLC
 One Owens Corning Parkway
 Toledo, Ohio, USA 43659
 Ph: 1-800-GET-PINK®

www.owenscorning.com/roofing

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STANDARD PRODUCT[^] LIMITED WARRANTY

on Owens Corning[®] Roofing Shingles and Components

THIS WARRANTY INCLUDES LIMITATIONS ON ITS TRANSFERABILITY. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE OR PROVINCE TO PROVINCE.

FOR CANADA ONLY: THE TERMS IN THIS WARRANTY, EXCEPT TO THE EXTENT LAWFULLY PERMITTED, DO NOT EXCLUDE, RESTRICT, OR MODIFY BY AND ARE IN ADDITION TO ANY PROVINCIAL LAWS.

INTRODUCTION

Thank you for your recent purchase of Owens Corning[®] Roofing Shingles and Components manufactured by Owens Corning Roofing and Asphalt, LLC (Owens Corning[®]). We believe we manufacture the highest quality and most attractive roofing shingles and components available anywhere, and that is why we stand behind them with one of the best warranties in the industry. We have attempted to write this warranty in clear, plain English terms, so you will fully understand the warranty we are making to you. If anything in this warranty is not clear to you, please call us at 1-800-ROOFING or visit our website at www.owenscorning.com/roofing.

WHO IS COVERED

To be entitled to the benefits of this Standard Product Limited Warranty: (1) your property must be located in the United States or Canada and (2) you must be the original consumer purchaser (the property owner, not the installer or contractor) of the roofing shingles and components.

WHAT IS COVERED

Roofing Shingles: We warrant that your Owens Corning[®] Roofing Shingles and Owens Corning[®] Hip & Ridge Shingles are free from any manufacturing defects that (1) materially affect their performance on your roof during the TRU PROTECTION[®] period or that (2) cause leaks during the balance of the applicable warranty period after the TRU PROTECTION[®] coverage period has expired. To determine the length of the TRU PROTECTION[®] coverage period and the balance of the applicable warranty period, please see "How Long Are You Covered" and the "Limited Warranty Information Table" at the end of this warranty.

Roofing Components: Warranty coverage for Owens Corning[®] Hip & Ridge Shingles, including Berkshire[®], DecoRidge[®], DuraRidge[®], Hip & Ridge Shingles, including Berkshire[®], DecoRidge[®], DuraRidge[®], ImpactRidge[®], ProEdge[®], and RIZERidge[®] matches the corresponding roofing shingle. For all other Owens Corning roofing components, when you install three (3) or more of the five (5) Owens Corning roofing components listed below (one product from each category where applicable) with any Owens Corning shingle, the warranty coverage for manufacturing defects and the coverage period will match the warranty of your shingles. Please see "How Long Are You Covered" and the "Limited Warranty Information Table" at the end of this warranty for more detail. Owens Corning roofing component categories:

- Owens Corning[®] Hip & Ridge Shingles, including Berkshire[®], DecoRidge[®], DuraRidge[®], ImpactRidge[®], ProEdge[®], and RIZERidge[®].
- Owens Corning[®] VentSure[®] products (intake vent or exhaust vent). If a VentSure[®] intake vent AND VentSure[®] exhaust vent are both used, this counts as one (1) of the three (3) requirements listed above.
- VentSure[®] off-ridge exhaust vents are excluded from this warranty. Owens Corning[®] brand roof underlayment products, RhinoRoof[®] U20 roof underlayment, or Titanium[®] brand synthetic roof underlayment products. Installing a qualifying Owens Corning[®] Self-Adhered Ice & Water Barrier product covering the entire deck also meets this requirement and Section (e) below.
- Owens Corning[®] Starter Shingle products; and
- Owens Corning[®] WeatherLock[®], Titanium[®], or RhinoRoof[®] Self-Adhered Ice & Water Barrier products.

This warranty does not cover non-Owens Corning[®] roofing components, such as flashing, fasteners, pipe boots, and wood decking. This warranty applies only to those shingles purchased after January 1, 2023, and before the date a later warranty applicable to the shingles comes into effect.

HOW LONG ARE YOU COVERED

ALL IMPLIED WARRANTIES APPLICABLE TO YOUR ROOFING SHINGLES AND COMPONENTS ARE LIMITED IN DURATION TO THE TRU PROTECTION[®] COVERAGE PERIOD APPLICABLE TO SUCH PRODUCTS, AS PROVIDED BY THIS WARRANTY, UNLESS A SHORTER PERIOD IS PERMITTED BY APPLICABLE LAW. SOME STATES OR PROVINCES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

TRU PROTECTION[®] PERIOD: From the installation of the shingles through the TRU PROTECTION[®] coverage period of this warranty, Owens Corning will compensate you to either repair, replace, or recover defective Owens Corning[®] Roofing Shingles and Components. The compensation provided by Owens Corning is limited to the cost of replacing Owens Corning[®] Roofing Shingles and Components and the labor directly required to repair, replace, or recover such defective Owens Corning[®] roofing products as reasonably determined by Owens Corning. Our compensation will not cover any non-Owens Corning[®] underlayment, metalwork, flashings, or other related work, and we will not cover the cost to remove or dispose of your roofing materials. The TRU PROTECTION[®] coverage period does not apply to Wind or Algae coverage. Please see the "What About Wind Resistance" and "What about Algae Resistance" portions of this warranty for applicable coverage. Owens Corning reserves the right to arrange directly for the repair or replacement of your products instead of compensating you directly. This compensation is limited as follows:

- If Owens Corning decides to replace the shingles or components, Owens Corning will compensate you only for the cost of replacement Owens Corning[®] Shingles or Components and the labor directly required to replace the defective shingles, both as reasonably determined by Owens Corning.
- If Owens Corning decides to repair or recover the shingles, Owens Corning will compensate you only for the cost of the labor directly required to repair or recover the defective shingles as reasonably determined by Owens Corning.

PRORATED PERIOD: Once the TRU PROTECTION[®] coverage period for the Owens Corning[®] roofing products purchased has expired, the prorated period will begin. During this prorated period, we will provide prorated compensation of the cost of the defective Owens Corning[®] products, but no labor or other costs will be covered during the prorated period, and we will take into account the number of full years of use that you have enjoyed from the original installation date through the date of your claim, and reduce the amount of our compensation to you accordingly. We will prorate the amount of our compensation to you according to the number of years you have enjoyed from the original installation through the date of your claim. For example: If you purchased a shingle with a Lifetime warranty and three (3) or more Owens Corning components and you make your claim in the 15th year of the warranty, we will not cover labor but our compensation to you will be 72% of the Owens Corning[®] Roofing Shingles and Components cost at the time of purchase. Further detail can be found on the "Limited Lifetime[®] Roofing Shingles and Components Proration[®] Table."

OTHER TYPES OF STRUCTURES: The coverage for the Owens Corning[®] roofing products offered by this warranty depends on the structure of which the shingles are installed and the owner of the structure. Lifetime coverage for all Owens Corning[®] Shingles applies only to single-family detached homes where the owner of the roof is the resident occupying the home.

In the instance of roofing products purchased or installed upon property owned by others, for example, corporations, governmental agencies, partnerships, trusts, religious organizations, schools, condominiums, homeowners' associations, or cooperative housing arrangements, or installed on any other structures (for example, on apartment buildings or any other type of building or premises not used by individual homeowners as their residence), the warranty period will be 40 years from the original installation date of the roofing shingles and components, and the TRU PROTECTION® coverage period will be five years. Further detail can be found on the "Limited Lifetime Roofing Shingles and Components Proration[§] Table." Owens Corning reserves the right to arrange directly for the repair or replacement of your products instead of compensating you directly.

Limited Lifetime⁴ Shingle Proration[§] Table

STRUCTURE/ OWNER	TRU PROTECTION® PERIOD YEARS 1-10	PRORATED PERIOD YEARS 11-40	PRORATED PERIOD YEARS 41 AND BEYOND
Single-family detached home owned by individuals	100% ⁺⁺	80% reduced by 2% every year thereafter until year 40	20%
STRUCTURE/ OWNER	YEARS 1-5	YEARS 6-40	YEARS 41 AND BEYOND
Other types of structures	100% ⁺⁺	87.5% [§] reduced by 2.5% every year thereafter until year 40	No coverage

⁴ For as long as Owner owns home.
[§] Proration is calculated annually, based on the original installation date. There are no partial year prorations.
⁺⁺ Of costs covered under this warranty.

4. EXCEPTIONS

All of the Owens Corning Obligation of Compensation under this warranty (whether for repair, replacement, recovery, or refunding a prorated portion of the cost of the defective roofing products) are subject to the limitations provided by this warranty. Any replacement Owens Corning® Products will be warranted only for the remainder of the original warranty period. Owens Corning will not provide compensation for any underlayment, metalwork, flashings, or other related work. We will not compensate for the removal and replacement of solar panels or other rooftop equipment, and we will not compensate for the cost to remove or dispose of your roofing shingles and components.

5. WHAT ABOUT WIND RESISTANCE

Your shingles and Hip & Ridge (the Shingle Products) contain asphalt sealant that requires direct warm sunlight for several days (Thermal Sealing) in order to seal properly. If your Shingle Products are installed during a period of cool weather, they may not adequately seal until the season changes or the weather warms, and if your Shingle Products never receive direct sunlight or are not exposed to adequate surface temperatures, they may never achieve Thermal Sealing. Prior to your shingles achieving Thermal Sealing, your Shingle Products are more vulnerable to blow-offs and wind damage. This is the fundamental nature of Shingle Products and not a manufacturing defect, and we are not responsible for any blow-offs or wind damage that might occur prior to Thermal Sealing having occurred. After your Shingle Products have achieved Thermal Sealing, however, they will be covered under this warranty if they experience blow-offs or wind damage in winds (including gusts) up to the levels and for the period from the original installation date ("Wind Warranty Period") listed in the "Limited Warranty Information Table" listed in the chart at the end of this warranty.

HOWEVER, THE COVERAGE AGAINST SHINGLE PRODUCT BLOW-OFFS OR WIND DAMAGE IS IN EFFECT FOR A PERIOD OF 15 YEARS FROM THE ORIGINAL DATE OF INSTALLATION. Owens Corning will be liable only for the reasonable cost of replacing blown-off Shingle Products (to include material and labor during the applicable TRU PROTECTION® warranty period) and the reasonable cost of manually sealing the unsealed Shingle Products remaining on the roof.

6. WHAT ABOUT ALGAE RESISTANCE

If the Shingle Products that you purchased were not specifically labeled as "Algae Resistant" (AR), then any discoloration caused by algae is not covered by this warranty as explained in the section "What is Not Covered." However, if you did purchase AR Shingle Products, they are covered for the period described in the "Limited Warranty Information Table" at the end of this warranty following the date of installation ("AR Warranty Period") against brown-black staining caused by growth of cyanobacteria Gloeocapsa magma algae. To be eligible for 25-year AR coverage, you must use one of the following Owens Corning® Hip & Ridge Shingles: Berkshire®, DecoRidge®, DuraRidge®, ImpactRidge®, ProEdge®, or RIZERidge®. We do not cover the effects of other growth, such as mold, lichen, and green algae. If brown-black staining occurs during the AR Warranty Period, you will be entitled to the following remedy:

a. **Non-Prorated Period** — From the installation of the shingles until ten (10) years after the date of installation, we will compensate you for the cost, including labor (such cost not to exceed the cost of the AR Shingle Products plus the cost of installation), as reasonably determined by Owens Corning, to repair, replace, or recover the affected AR Shingle Products. For purposes of this AR Shingle Products warranty, the term "repair" as used above refers to cleaning or otherwise removing any algae growth from affected AR Shingle Products. Decisions regarding whether your AR Shingle Products should be repaired, replaced, or recovered will be made solely by Owens Corning.

b. **Prorated Period** — Once the non-prorated coverage period for algae resistance (as described above) has expired, the prorated period will begin. During this prorated period, we will provide compensation limited to a prorated amount of the cost of the affected AR shingles. No labor or other costs will be covered during the prorated period, and we will take into account the number of full years of use that you have enjoyed from the original installation date through the date of your claim, and reduce the amount of our compensation to you accordingly. For example: if you purchased a shingle with a 25-year AR warranty period, and you make your claim anytime in the 16th year of the warranty, our compensation to you will be the amount of the cost of the affected Owens Corning® AR Shingle Products reduced by 16/25ths of the cost at the time of purchase of the affected AR Shingle Products.

c. ****If a qualifying Owens Corning® manufactured Hip & Ridge shingle is not used, the AR warranty period is reduced from 25 to 10 years and the non-prorated period will be 1 year.

d. See Limited Warranty Information table below for applicable AR product coverage.

NOTE: In some coastal areas and/or areas with limited rainfall, copper released by algae-resistant shingles can cause excessive corrosion to aluminum gutters. In these regions, Owens Corning recommends using vinyl gutters and will not be liable for any damage that may result from using aluminum gutters with algae-resistant shingles.

TRANSFERABILITY OF THIS WARRANTY (BASED ON ORIGINAL INSTALLATION DATE)

This warranty is not transferable except as follows: You may only transfer this warranty one time, anytime during the life of the warranty, to the purchasers of the structure on which the shingles are installed. For this warranty to transfer and the second Owner to obtain the benefits of this warranty, the second Owner must, within 60 days after the date of the real estate transfer, contact Owens Corning and submit together (1) proof of purchase of the Owens Corning® Roofing Shingles and Components and (2) the installation date and ownership history. We may be contacted by going to <https://www.owenscorning.com/en-us/roofing/warranty/#manage-your-warranty> and click Transfer a Warranty, or by calling us at 1-800-Roofing.

- If the transfer takes place within the TRU PROTECTION® Nonprorated period (see "Limited Warranty Information Table"), the second Owner is entitled to the same coverage as the original Owner.
- If the transfer occurs after the TRU PROTECTION® Nonprorated period (see "Limited Warranty Information Table"), the balance of this warranty shall be reduced to a 2-year period after the date of ownership change. If there is a manufacturing defect that causes leaks during this 2-year period, our compensation to the second Owner will be based only on the reasonable cost of replacement of the Owens Corning® Roofing Shingles and Components reduced by the amount of use the second Owner and the original Owner have enjoyed

3. The AR Warranty Period and Wind Warranty Period are fully transferable. The second Owner will receive the balance of the coverage outlined in the "Limited Warranty Information Table" based upon the original installation date.

WHAT IS NOT COVERED

Our warranty does not cover damage to the Owens Corning® Roofing Shingles and Components products due to any cause not expressly covered in this warranty. After our roofing products leave our manufacturing facilities, they are subject to conditions and handling beyond our control that could affect their performance. This warranty does not cover any problems with non-defective roofing products caused by conditions or handling beyond our control. Some examples of conditions not covered by this warranty include:

1. Acts of God, such as hail, strong storms or winds (including gusts) over the maximum wind speed listed in the "Limited Warranty Information Table" at the end of this warranty, ice damming above the area covered by leak barriers or flashings, or snow or water infiltration through exhaust vents.
2. Roof damage or leaks caused by pre-existing conditions, underlying roofing materials, underlying structural failures, settlement, or any defective areas on or near the roof that are not part of the Roofing System. Examples include but are not limited to chimneys with loose or cracked mortar, damaged siding, faulty counter flashing, or improperly designed or installed gutter or downspout systems.
3. Foot traffic on your roof or damage caused by objects (e.g., tree branches) falling on your roof.
4. Improper or faulty installation of your roofing products – installation must be in accordance with our written installation instructions and comply with local building codes.
5. Shading, or variations in the color of your Owens Corning® Shingle Products or discoloration caused by algae, fungi, lichen, or cyanobacteria (unless covered under the section "What About Algae Resistance").
6. Damage caused by improper or inadequate roof ventilation or roof drainage, unvented attics, or enclosed roof rather assemblies.
7. Damage caused by, or the cost to repair or replace, any non-Owens Corning® Products, including but not limited to metal work, counter flashing, failed and/or corroded roof nails, or pipe boots that allow water to enter the structure or Roofing System.
8. Damage to the shingles caused by alterations made after completion of application, including structural changes, equipment or solar panel installation, power washing, painting, the application of cleaning solutions not in accordance with our algae removal instructions, coatings, or other modifications.
9. Any damage due to debris, resins, or drippings from foliage.
10. Improper storage, handling, or other conditions beyond our control.
11. Any costs that you incur that are not authorized in advance by Owens Corning.

REPLACEMENT SHINGLE VARIATION

As a result of our ongoing efforts to improve and enhance our roofing products, we must reserve the right to discontinue or modify our shingles and component products, including their colors. We are not liable to you if you make a warranty claim in the future and any replacement roofing products you receive vary in color either because of normal weathering or changes in our product line. You should understand that, if we replace any of your shingles or component products under this warranty, we reserve the right to provide you with substitute shingles or component products that are comparable only in quality and price to your original shingle or component products.

COMPENSATION

Under the terms of this warranty, the manner of compensation is at the sole discretion of Owens Corning and may be arranged directly by Owens Corning or issued in the form of cash settlement and/or material credit for Owens Corning® Products to an existing supplier of Owens Corning® Roofing materials. All costs must be pre-approved by Owens Corning.

CLAIMS PROCESS & RIGHT OF INSPECTION

To make a claim under this warranty, you must do so within 30 days after you discover the problem. To fully evaluate your claim, we may ask you to provide, at your expense, pictures of your shingles or shingle samples for us to test. You must do so in order to be eligible to make a claim under this warranty. To make a claim or if you have any questions, do not hesitate to

call 1-800-ROOFING or visit us at www.owenscorning.com/roofing. If you repair or replace your Owens Corning® Products before Owens Corning has made a determination on your claim, your claim may be denied. Owens Corning shall have a reasonable time after notification of a claim to inspect the roof. If requested by Owens Corning, the owner shall provide Owens Corning with reasonable access to the roof, during normal business hours, for the purpose of conducting an inspection of the roofing products.

NO MODIFICATIONS TO THIS WARRANTY

The terms of this warranty may not be waived or modified (whether by a statement, omission, course of dealing, or any act), except in writing signed by an officer of Owens Corning or a licensed attorney in the Owens Corning legal department, the Owens Corning Field Technical Leader, or Field Technical Manager. Other than such an officer or attorney, Field Technical Leader, or Field Technical Manager, nobody (regardless of whether an Owens Corning employee, a contractor, an installer, or otherwise) has authority to act on behalf of Owens Corning (for example to waive or modify this warranty, to make representations or warranties, or to undertake any liability). This warranty represents the entire agreement between the parties and replaces all other communications, warranties, representations, and guarantees.

MANDATORY ARBITRATION

To the extent permitted by applicable law, Owens Corning and you agree to arbitrate all disputes and claims arising out of or relating to this warranty or Owens Corning® Shingles ("Dispute"). This warranty evidences a transaction in interstate commerce, and the Federal Arbitration Act governs the interpretation and enforcement of this provision. A party who intends to seek arbitration must first send to the other, by certified mail, a written notice of intent to arbitrate ("Notice"). The Notice to Owens Corning should be addressed to: One Owens Corning Parkway, Toledo, OH 43659 ("Arbitration Notice Address"). The Notice must (a) describe the nature and basis of the claim or dispute and (b) set forth the specific relief sought ("Demand"). If the parties do not reach an agreement to resolve the claim within 30 days after Notice is received, you or Owens Corning may commence an arbitration proceeding. All issues are for the arbitrator to decide, including the scope of this arbitration clause, but the arbitrator is bound by the terms of this warranty. The arbitration shall be governed by the Commercial Dispute Resolution Procedures and the Supplementary Procedures for Consumer Related Disputes (collectively, "AAA Rules") of the American Arbitration Association ("AAA"), as modified by this warranty, and shall be administered by the AAA.

YOU AND OWENS CORNING HEREBY WAIVE THE RIGHT TO A TRIAL BY JURY.

The arbitrator may award injunctive relief only in favor of the individual party seeking relief and only to the extent necessary to provide relief warranted by that party's individual claim.

YOU AND OWENS CORNING MAY BRING CLAIMS AGAINST THE OTHER ONLY IN EACH PARTY'S INDIVIDUAL CAPACITY, AND NOT AS A PLAINTIFF OR CLASS MEMBER IN ANY PURPORTED CLASS OR REPRESENTATIVE PROCEEDING.

Further, you agree that the arbitrator may not consolidate proceedings of more than one person's claims and may not otherwise preside over any form of a representative or class proceeding.

GOVERNING LAW AND FORUM

This warranty and all Disputes are governed by United States Federal laws and laws of Ohio. Subject to the "Arbitration" provision in this warranty, if there are any Disputes that cannot be arbitrated, then the parties consent to the exclusive jurisdiction and venue of the state and federal courts in Ohio with respect to such Disputes.

SAVINGS AND SEVERABILITY

To the extent that this warranty is inconsistent with applicable law, this warranty is hereby modified to be consistent with such applicable law. If an arbitrator or court determines that any term in this warranty is illegal or unenforceable, the parties intend for the arbitrator or court to interpret or modify this warranty to the effect of the original intent of the parties as closely as possible while rendering the term and this warranty fully legal and enforceable. If a term in this warranty cannot be rendered legal and enforceable accordingly, the parties intend for the arbitrator or court to sever the illegal or unenforceable term from this warranty, leaving the remainder of this warranty enforceable.

WARRANTY REGISTRATION & TRANSFER INFORMATION

TO REGISTER THIS WARRANTY:

Visit our website at: www.owenscorning.com/roofing/warranty/

The following information is required for registration:

Owens Corning® Limited Lifetime Shingle/color name installed _____

Number of squares installed _____

Other Owens Corning® Roofing Shingles and Components Installed:

yes no don't know

Owens Corning® Hip & Ridge Shingles

VentSure® Ventilation Products

Owens Corning® brand, RhinoRoof® U20 or Titanium® brand Underlayment Products

Owens Corning® Starter Shingle Products

Owens Corning® WeatherLock®, Titanium®, or RhinoRoof® Self-Adhered Ice & Water Barrier Products

Other Owens Corning® Products

Original Installation Date _____

Original Purchaser's Name _____

Address of Property _____

Note: Please retain proof of purchase and installation date with your important records in the event that you choose to transfer this warranty in the future, or upload these documents as you register this warranty online.

TO TRANSFER THIS WARRANTY:

See **TRANSFERABILITY OF THIS WARRANTY** for exceptions.

Contact 1-800-ROOFING

For this warranty to be transferred, the second Owner must contact Owens Corning within sixty (60) days after the date of the real estate transfer to obtain the benefits of this warranty. We may be contacted by going to <https://www.owenscorning.com/en-us/roofing/warranty/manage-your-warranty> and click Transfer a Warranty, or by calling us at 1-800-Roofing. The following will be required:

1. Proof of purchase of the Owens Corning® Total Protection Roofing System®, and

2. The installation date and ownership history

LIMITATIONS
NO DISPUTE MAY BE BROUGHT LATER THAN 1 YEAR AFTER ANY CAUSE OF ACTION HAS ACCRUED, AFTER WHICH ALL DISPUTES ARE FOREVER BARRED.

THIS WARRANTY IS YOUR EXCLUSIVE WARRANTY FROM OWENS CORNING AND REPRESENTS THE SOLE REMEDY TO ANY OWNER OF OWENS CORNING® ROOFING SHINGLES AND COMPONENTS. OWENS CORNING MAKES NO OTHER REPRESENTATIONS, WARRANTIES, OR GUARANTEES OF ANY KIND OTHER THAN THOSE STATED EXPLICITLY IN THIS WARRANTY.

YOUR REMEDY FOR DEFECTIVE SHINGLES OR OWENS CORNING® ROOFING SHINGLES AND COMPONENTS IS FULLY DESCRIBED IN THE SECTION, "HOW LONG ARE YOU COVERED." YOU ARE NOT ENTITLED TO ANYTHING MORE THAN WHAT IS DESCRIBED IN THAT SECTION. OWENS CORNING HAS NO REASON TO KNOW ANY PARTICULAR PURPOSE FOR WHICH YOU ARE BUYING ROOFING SHINGLES OR COMPONENTS.

OWENS CORNING IS NOT RESPONSIBLE FOR ANY INCIDENTAL, CONSEQUENTIAL, SPECIAL, PUNITIVE, OR OTHER DAMAGES OF ANY KIND, INCLUDING DAMAGE TO YOUR STRUCTURE OR TO YOUR STRUCTURE'S CONTENTS, WHETHER FOR BREACH OF THIS WARRANTY, NEGLIGENCE, STRICT LIABILITY, OR OTHER CLAIMS DERIVED IN TORT OR FOR ANY OTHER, SOME STATES OR PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

FOR CANADA ONLY – The terms in this warranty, except to the extent lawfully permitted, do not exclude, restrict, or modify but are in addition to any provincial laws.

LIMITED WARRANTY INFORMATION TABLE

PRODUCT NAME	WARRANTY LENGTH	TRU PROTECTION® CHARGE PERIOD	WIND PROTECTION PERIOD	WIND WARRANTY PERIOD	AR ¹ WARRANTY PERIOD
Berkshire®	Lifetime ^a	10 Years	130 MPH	15 Years	25 Years****
Woodmoor®	Lifetime ^a	10 Years	110/ 130 MPH**	15 Years	25 Years****
Woodcrest®	Lifetime ^a	10 Years	110/ 130 MPH**	15 Years	25 Years****
Duration® Series [†]	Lifetime ^a	10 Years	130 MPH	15 Years	25 Years****
Oakridge®**	Lifetime ^a	10 Years	110/ 130 MPH***	15 Years	25 Years****
Supreme®	25 Years	5 Years	60 MPH	5 Years	10 Years

^a For as long as Owner owns home.

¹ Excludes non-Owens Corning roofing products, such as flashing, fasteners, pipe boots, and roof decking.

[†] AR is available regionally. Visit www.owenscorning.com/roofing for availability in your zip code. Applies to Owens Corning® Shingles and Owens Corning Hip & Ridge Shingles. Three (3) qualifying components must be installed in addition to the shingles in order for all other Owens Corning components to qualify for this warranty.

^{**} Includes TrueDefinition® Duration MAX®, TrueDefinition® Duration® COOL Plus, TrueDefinition® Duration® COOL, TrueDefinition® Duration® Designer, TrueDefinition® Duration FLEX®, TrueDefinition® Duration STORM®, Duration® Premium, and TrueDefinition® Duration® Shingles

^{***} Includes TrueDefinition® Oakridge® Shingles
TrueDefinition® Duration FLEX® and TrueDefinition® Duration STORM® Shingles require ImpactRidge® Hip & Ridge Shingles to complete UL 2218, Class IV impact-resistant roof system. 110 MPH is standard with 4-nail application. 130 MPH is applicable only with 6-nail application and Owens Corning® Starter Shingle products application along eaves and rakes in accordance with installation instructions.

^{****} 25-year AR coverage requires the use of Owens Corning® Berkshire®, DecoRidge®, Durabridge®, ImpactRidge®, Ridge®, or RizzBridge®, Hip & Ridge Shingles. If a qualifying Owens Corning® manufactured ridge cap product is used, the AR warranty period is reduced from 25 to 10 years, and the non-protected period will be 1 year.



OWENS CORNING ROOFING AND ASPHALT, LLC
ONE OWENS CORNING PARKWAY
TOLEDO, OH 43659 USA
1-800-GET-PINK
www.owenscorning.com/roofing



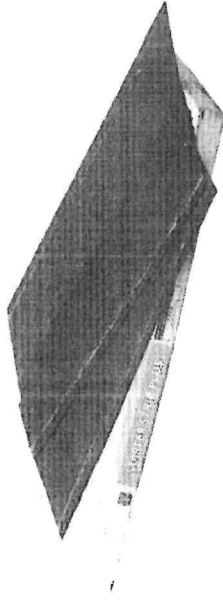
Starter Strip Plus Shingle

Goes on right—right away

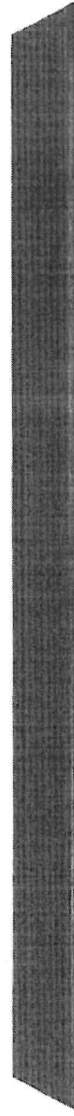
Introducing the new Owens Corning™ Starter Strip Plus shingle. This product eliminates the need for cutting shingle tabs to create a starter row.



2. Perforation down the center allows for easy separation.



1. Starter Strip Plus is packaged two pieces per shingle, 16 shingles per bundle, 100 lineal feet.



3. Once apart, the Starter Strip Plus shingles should be aligned next to one another with the sealant toward the eave.

Starter Strip Plus shingle advantages:

Speeds installation and helps improve safety. Starter Strip Plus shingle eliminates the need to cut off tabs or headlap.

Clean look. Starter Strip Plus shingle provides a machine-cut straight edge at the eave and along the rake.

Saves labor. It's easy for a single person to position Starter Strip shingle on the roof.

Maximum compatibility. Extra-wide starter can be used with any shingle that has an exposure of up to 6".

Improves job quality. Puts the sealant appropriately at the eaves.

Cost savings. There's no need to cut down field shingles to use as a starter strip.

Exceptional bonding strength. Continuous sealant ensures an effective seal between the starter and the first course of shingles.

Application Instructions

Owens Corning™ Starter Strip Plus can be used with any shingle that has an exposure of up to 6". Starter Strip shingles cannot be used with Owens Corning™ Berkshire® Woodmoor® or Woodcrest® shingles.

Installation of Starter Strip Plus shingle

Starter Strip Plus shingle is designed to be broken into two pieces, and each piece has its own sealant strip. When separated, each starter shingle is 7¼" x 39%, and each bundle will cover approximately 100 lineal feet. See Fig. 1.

This starter can be used with shingles that have an exposure of no more than 6"; if the exposure is greater than 6", a full starter (15½" x 39%) would be required. See Fig. 1.

1. Start first Starter Strip Plus shingle with 6" removed from the rake edge and flush with the drip edge. Starter Strip Plus shingle can extend no greater than ¾" beyond the edge of the eave. Use 5 fasteners placed 2" to 3" from the edge of the eave. See Fig. 2.
2. During application, the installer must ensure that when the starter is applied, the overlaying shingles' end joints do not line up with the starter end joints. End joints must be a minimum of 4" from the overlaying shingle.
3. When the starter is used with 3-tab shingles, the installer must ensure that nails in the starter are not exposed between the cutouts of the overlaying shingle.

Product Specifications

Size	15½" x 39% (394 mm x 1000 mm)
Piece Size	7¼" x 39% (197 mm x 1000 mm)
Shingles per Bundle	16
Pieces per Bundle	32 (7¼" x 39% [197 mm x 1000 mm])
Lineal Feet per Bundle	Approximately 100 (30.5 m)

Applicable Standards and Codes

ASTM D 3462
 UL 790, Class A
 ASTM D 3161, Class F

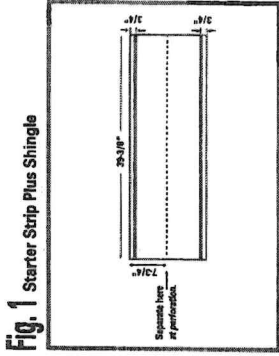


Fig. 1 Starter Strip Plus Shingle

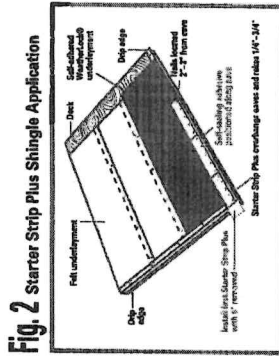


Fig. 2 Starter Strip Plus Shingle Application

CAUTION

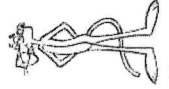
Roof surface may be slippery:

Especially when wet or icy. Use a fall protection system when installing. Wear rubber-soled shoes. Walk with care.

Falling hazard: Secure area below work and materials on roof. Wear a hard hat.

Notice

It is important that attic space be properly ventilated to maintain product performance and to prevent damage from moisture condensation and excessively high attic temperatures. In this regard, FHA and National Building Code Minimum Property Standards must be met.



OWENS CORNING ROOFING AND ASPHALT, LLC
 ONE OWENS CORNING PARKWAY
 TOLEDO, OHIO, USA 43659

1-800-GET-PINK®
www.roofing.owenscorning.com

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