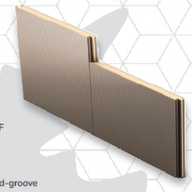
WAVELINE

INSULATED METAL PANEL DATA SHEET

GREEN SPAN PROFILES®

The face of the WaveLine profile is micro-corrugated. This insulated metal panel offers a more architectural profile for designers desiring a sleek and distinctive look. The unique Green-Lock side-joint helps ensure a high-performance vapor seal in vertical as well as horizontal applications.

Panel Use	Exterior Wall
Coverage Width	42-inch
Thickness	2, 2.5, 3, 4-inch
Length	8'-0" to 40'-0"
Exterior Gauge	24, 22
Interior Gauge	26
Exterior Substrate	Galvalume®
Interior Substrate	Galvalume®
Exterior Finish	Siliconized Polyester, low-gloss PVDF
Interior Finish	Polyester, Siliconized Polyester
Exterior Texture	Embossed, Smooth
Interior Texture	Embossed, Smooth
Joint	Green-Lock, offset double tongue-and-groove
Core	Continuously poured-in-place polyisocyanurate insulating foam
R-Value	R-8 per inch of thickness (nominal)



"Built to Perform, Built to Last, Built Right"

21200 FM 362 I Waller, TX 77484 I (844) 807-7400 I greenspanprofiles.com

TESTING: WAVELINE INSULATED METAL PANEL

TYPE	TEST PROTOCOL	DESCRIPTION	RESULTS
ENVIRONMENTAL PERFORMANCE	ASTM C518	*Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus*	K-Factor 0.139 BTU-in/hr-ft²-F° at 75F° mean K-Factor 0.129 BTU-in/hr-ft²-F° at 35F° mean
	ASTM E283	*Rate of Air Leakage Through Exterior Windows, Curtain Walls and Doors Under Specified Pressure Differences Across the Specimen*	0.0011-cfm/sf at 20-psf
	ASTM E331	*Water Penetration of Exterior Windows, Skylights, Doors and Curtain Walls by Uniform Static Air Pressure Difference*	Zero penetration at 20-psf
FOAM CORE CHARACTERISTICS	ASTM C273	*Shear Properties of Sandwich Core Materials*	Shear Strength = 16-psi
	ASTM D1621	*Compressive Properties of Rigid Cellular Plastics*	Compressive Strength — 18-psi
	ASTM D1622	*Apparent Density of Rigid Cellular Plastics*	Apparent Density — 2.25-pcf
	ASTM D1623	*Tensile and Tensile Adhesion Properties of Rigid Cellular Plastics*	Tensile Strength — 21-psi
	ASTM D6226	*Open Cell Content of Rigid Cellular Plastics*	Open Cell Content ≥ 90% closed cells
FIRE RESISTANCE	ASTM E84	*Surface Burning Characteristics of Building Materials*	Flame Spread < 25, Smoke Developed < 450
	NFPA 285	*Standard Fire Test Method for Evaluation of Fire Propagation Characteristics of Exterior Non-Load-Bearing Wall Assemblies Containing Combustible Components*	Passed — see technical bulletin ATB-0007
	FM 4880	*Factory Mutual Approval Standard for Class 1 Fire Rating of Insulated Wall or Wall and Roof/Ceiling Panels, Interior Finish Materials or Coatings and Exterior Wall Systems*	Class 1 Fire Rated — see technical bulletin ATB-0005
IMPACT RESISTANCE	FM 4881	*Factory Mutual Approval Standard for Class 1 Exterior Wall Systems*	
	TAS 201	*Florida Building Code Impact Test Procedure*	Miami Dade County NOA No. 26-0107.01
ENGINEERING PROPERTIES	ASTM E1592	*Structural Performance of Sheet Metal Roof and Siding Systems by Uniform Static Air Pressure Difference*	See Load Tables
	ASTM E72	*Strength Tests of Panels for Building Construction*	See Load Tables
	FM 4881	*Factory Mutual Approval Standard for Class 1 Exterior Wall Systems*	Class 1 Approved — see technical bulletins ETB-0008 and ETB-0013
APPROVALS	Miami-Dade County	*Miami-Dade County Product Control Section — Notice of Acceptance*	Miami Dade County NOA No. 26-0107.01
	State of Florida	*Florida Product Approval*	16327.1 R4
	TX Dept. of Insurance	*Product Evaluation*	Evaluation ID: EC-103
BOND STRENGTH	Fatigue Endurance	*2,000,000 Alternating Cycles of L/180 Deflection*	No evidence of facer or liner delamination, fracture of foam core or permanent set
	Freeze/Heat Cycle	*Twenty-One (21) Eight-hour Temperature Cycles (-20° F to 180° F)*	No evidence of delamination, blistering or permanent set
	Humidity Endurance	*1,200 Hours of 93% Humidity at a Temperature of 158° F*	No evidence of delamination, blistering or interface corrosion
	Autoclave	*Exposure to 218° F and a pressure of 2-psig for 2½ hours*	No evidence of facer or liner delamination

NFPA-285 · MIAMI-DADE COUNTY APPROVED · FM APPROVED · State of Florida Product Approval 16327

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COLOR CHART

GREEN SPAN PROFILES® INSULATED PANEL TECHNOLOGIES

Standard Siliconized Polyester Roof and Wall Colors

In-stock, Standard Gloss

Roof

REGAL WHITE II	LIGHT STONE	GRAY STONE
SR:0.61 E:0.88 SRI:73	SR:0.50 E:0.86 SRI:57	SR:0.41 E:0.86 SRI:45

Standard Polyester

Interior Only

REGAL WHITE I

Standard Fluropon PVDF Wall Colors

In-stock, Standard Gloss

Walls

REGAL WHITE III	ALMOND	SANDSTONE	ASH GRAY	PATINA GREEN
SR:0.66 E:0.87 SRI:80	SR:0.52 E:0.86 SRI:60	SR:0.50 E:0.87 SRI:57	SR:0.33 E:0.87 SRI:35	SR:0.45 E:0.85 SRI:50

SURREY BEIGE	ROMAN BLUE
SR:0.35 E:0.87 SRI:37	SR:0.26 E:0.83 SRI:23

Standard Fluropon PVDF Roof Colors

In-stock, Standard Gloss

REGAL WHITE III	ALMOND	SANDSTONE	ASH GRAY	PATINA GREEN
SR:0.68 E:0.86 SRI:82	SR:0.60 E:0.84 SRI:70	SR:0.54 E:0.86 SRI:63	SR:0.39 E:0.84 SRI:41	SR:0.46 E:0.85 SRI:51

Premium Metallics

Special Colors, Not in Stock, Additional Costs Will Apply

TEXAS SILVER	LEADCOAT	WEATHERED GALVALUME	CHAMPAGNE	COPPER PENNY
SR:0.58 E:0.78 SRI:66	SR:0.37 E:0.82 SRI:38	SR:0.30 E:0.79 SRI:27	SR:0.38 E:0.80 SRI:38	SR:0.49 E:0.85 SRI:55

Notes:
The colors above are representative and may vary slightly from actual colors. Prior to making final selections, please request actual color chip samples. SR stands for Solar Reflectivity and is the ability of a material to reflect solar energy back into the atmosphere. E stands for Emissivity and is the ability of a material to release absorbed energy back into the atmosphere. SRI represents Solar Reflective Index and is a measure of the material's ability to repel solar heat considering reflectance, emissivity and convection. All information is subject to change without notice. Please reference our web site for the most current data.

Product of Green-Span Profiles, LP
21200 FM 362
Waller, Texas 77484
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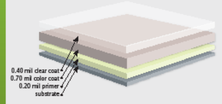
COLOR CHART
GreenSpanProfiles.com

AVAILABLE COATING PRODUCTS

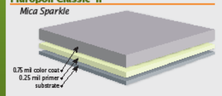
GREEN SPAN PROFILES® INSULATED PANEL TECHNOLOGIES

Fluropon Premiere

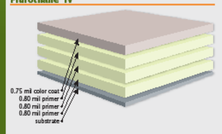


Fluropon Classic® II

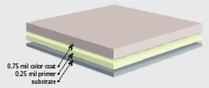
Mica Sparkle



Flurothane® IV

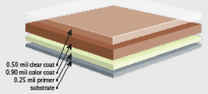


Fluropon®, WeatherX® & Dynapon®

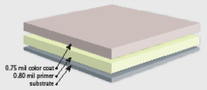


Fluropon Classic®

Metallic Sparkle

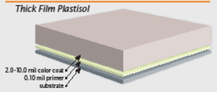


Flurothane® II



Valshield®

Thick Film Plastisol



Notes:
Kynar 500® is a registered trademark of Arkema, Inc.
Hylar 5000® is a registered trademark of Solvay Solexis.
All colors are produced by the Valspar Corporation.
All colors are Energy Star compliant.
All coatings have a min/max thickness, average thickness is shown.

111915

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AVAILABLE COATING PRODUCTS
GreenSpanProfiles.com

DCi
2971 Krall Dr. Nashville, TN 37204
www.dci-arch.us
(615) 301-6019

Project No. D26017

INSULATED METAL PANEL SPECIFICATIONS

LINEAGE METALS - NEW BUILDING

CHERRY GLEN INDUSTRIAL PARK

DWG	CHK	DATE	DESCRIPTION	REV.
		5/29/26	ISSUED FOR PERMIT	

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