

# Trachte Self-Storage Design Specifications

for roof pitches of 1":12" - 6":12"



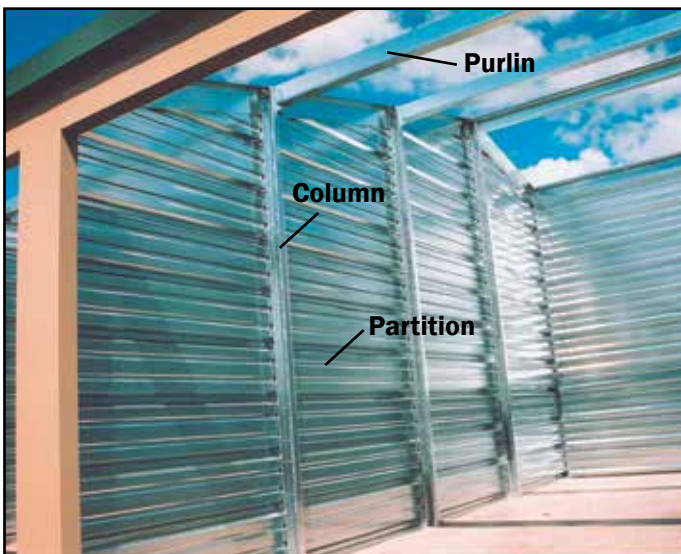
The photographs below demonstrate the options available for a Trachte Self-Storage System. The second page of the proposal/contact lists the building components that have been quoted. Below are photos and descriptions of the components, as well as other options to consider. Talk to a Trachte Regional Manager for details.



a. Door jambs and headers are constructed of pre-finished 18 gauge material, which is 2-1/2 times thicker than the industry standard 26 gauge material. Jambs and headers feature no exterior fasteners giving a clean, finished look.



a. The typical 10' bay utilizes a 9'0" wide door, and a typical 12'0" wide bay uses an 11'0" wide door.



b. The interior structure features pre-punched columns and purlins for bolt together connections to simplify installation. The entire structure is zinc coated to inhibit rust. A 3":12" pitch building is shown above.



b. The interior structure has 5' purlin spacing standard, in some high snow load areas closer purlin spacing may be required.

# Trachte Self-Storage Building



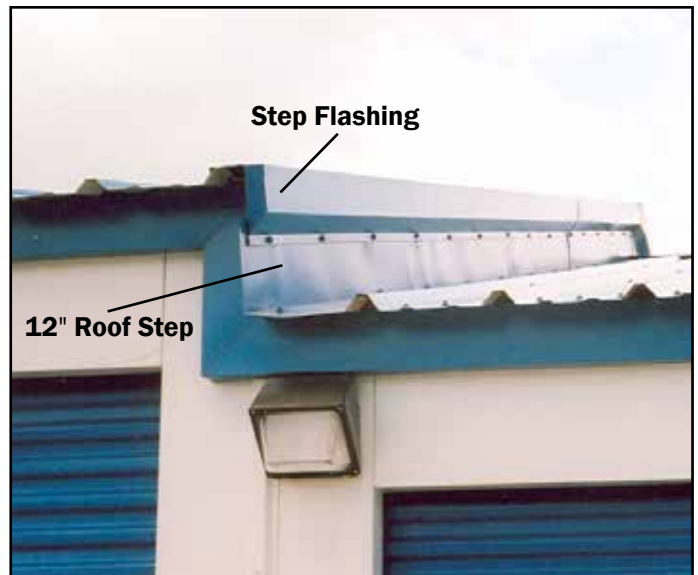
- c. 29 gauge galvalume horizontal partition panel.
- d. Rake angles close the gap between the partition panel and the underside of the roof.



- e. 26 gauge A-Type Panel is used at wall locations that do not have doors.



- f. Rake trim covers the end of the building while eave trim covers the side. Both rake and eave trims are used to accent the building and are normally the same color as the doors.



- g. When there is a change in foundation grade, building steps will be required. For steps 12" or less, the step trim color will be determined by the rake trim color and the starter strip color will be determined by the roof color. For steps greater than 12", additional rake trim and A-Type panel will be included at step. The starter strip color will be determined by roof color. Contact a Trachte Regional Manager if you have any questions about building steps.

# Design Specifications



- h. An alternate way to accommodate a roof step is to use a rolling step. This design can be used for steps up to 12" in height. Please contact the Trachte Regional Manager for limitations and other information.



- i. For interior fire separations, gypsum wallboard is installed over stud wall and taped. Number of sheets on each side of stud wall will vary based on fire rating needed.

**THE TRACHTE STANDARD:**

- j. Includes 29 gauge galvalume liner panel to cover both sides, protecting the gypsum wallboard. The door jamb is widened for this additional material.



- k. If an interior masonry fire separation is required, the structural framing includes exterior trim pieces to cover the fire separation.

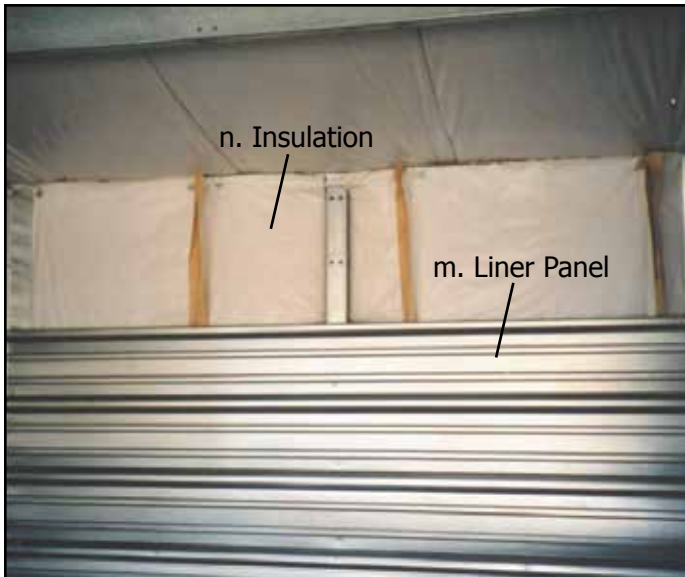


- l. 26 gauge gutters and downspouts can match either the building or door color.

**Note:** In snow areas, gutters are not recommended. If the building has gutters, snow guards are required. Snow guards must be purchased by owner.



# Trachte Self-Storage Building



- m. In insulated buildings, 29 gauge liner panel is used to cover the wall insulation and protect it from damage.
- n. 4" or 6" wall insulation can be supplied by Trachte.



- n. 3/4" vinyl-faced insulation is recommended to prevent condensation on the roof. The insulation is installed using fender washers.

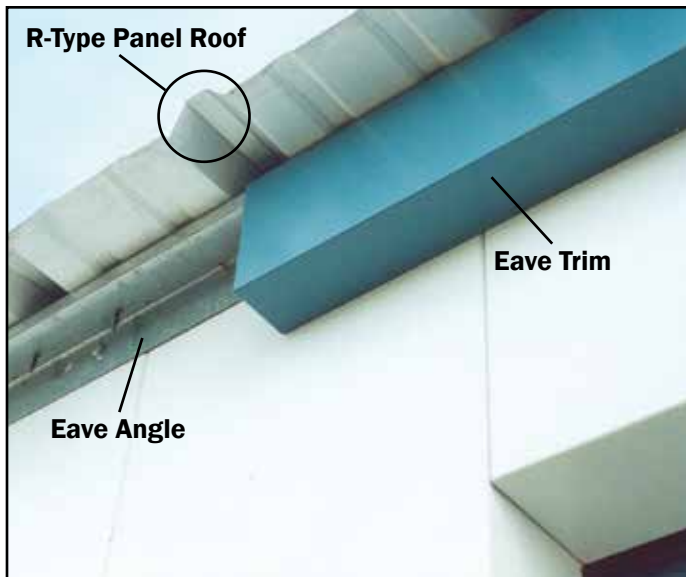


- n. Trachte offers up to an R-38 (12") roof insulation. Shown above is a R-32 (10") roof insulation using R-5 thermal blocks. Contact a Trachte Regional Manager about meeting energy codes.



- o. Painted R-Type panel roof sheets are 3' wide and attach to the structure using Zac head screws for secure placement.

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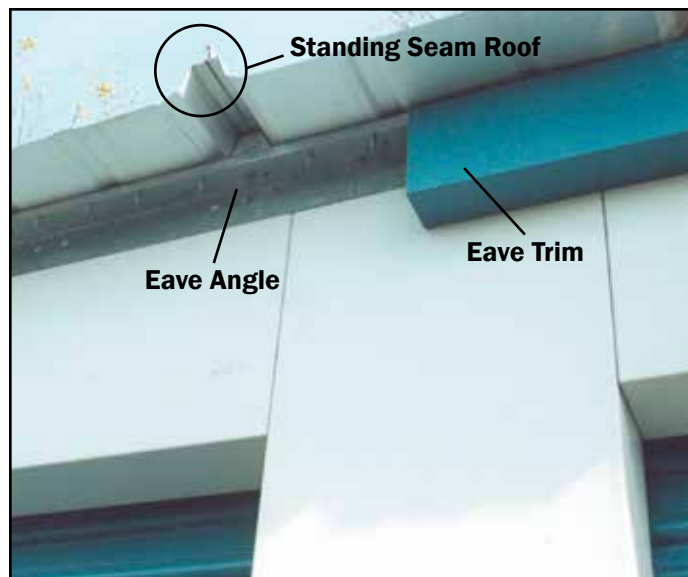
- o. The screws at the eave are located outside the building to prevent roof leaks. The eave trim covers the eave angle and roof screws for a clean, finished look. This feature is standard on all Trachte buildings.



- o. An installed R-Type panel roof with exposed fasteners. The roof typically matches the door or building color.



- p. The standing seam roof need only be screwed down at the eave. This prevents having exposed screws across the roof sheets, minimizing the potential for roof leaks. Trachte offers a variety of colored standing seam roofs. The standing seam roof features 2' wide snap together panels.



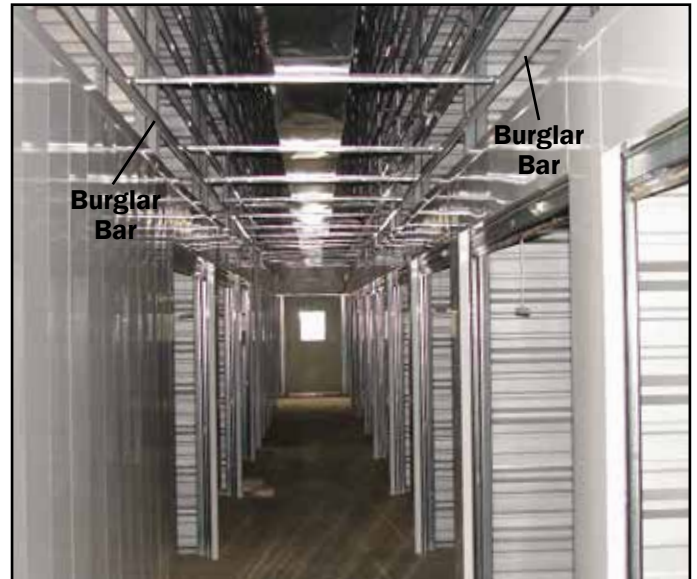
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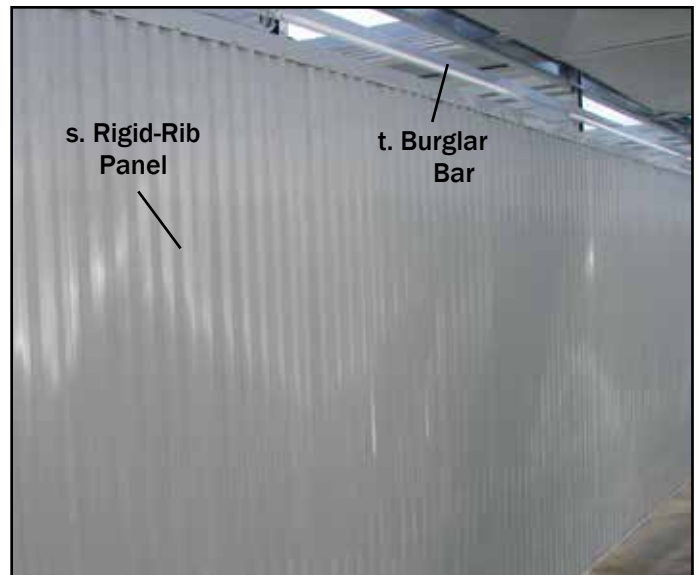
- p. An installed standing seam roof has a ridge cap at the peak. Both inside and outside closures are color matched to the roof panel, providing a finished appearance.



- q. An interior corridor with flush headers has a fixed height with a gap between the corridor and purlin. The gap varies depending on the location of the corridor.
- Lights should be centered in the hallway
  - Ceilings are highly recommended in this building-refer to items v and w.
  - Materials used to support the lights are by others.



- r. Trachte standard corridor uses a flush panel for all blank walls. This system provides a clean, finished look.

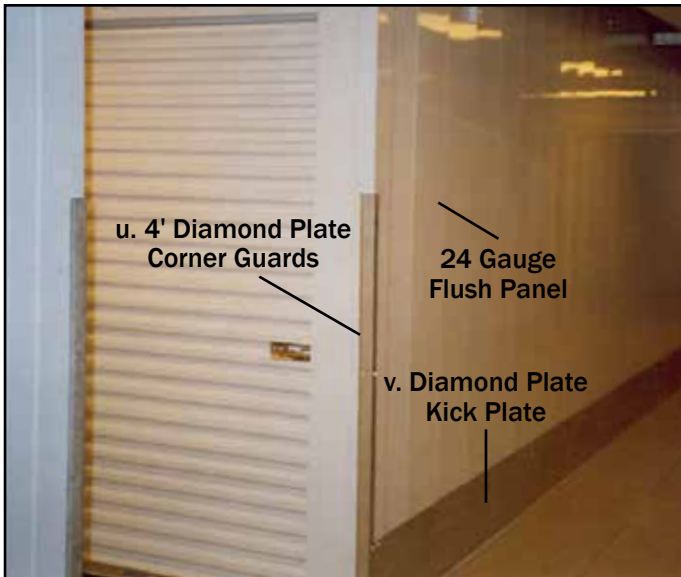


- s. A bright white rigid-rib hallway panel is an optional, less expensive cost alternative to flush panel.
- t. If the gap above the corridor is greater than 7", Trachte supplies burglar bars to fill gap.



# Design Specifications

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- u. 4' diamond plate corner guards are used to protect panels from cart damage.
- v. 12" wide kick plates are used to protect panels from cart damage.



- w. A bright white flush ceiling covers all interior duct work and completely encloses the corridor, resulting in a clean, finished look. Lights can be installed directly to the ceiling panel.



- x. A soffit ceiling is recommended if using door alarms. This gives access to the alarms for maintenance purposes. Trachte can supply a LED lighting system, which is recommended.



- y. The 18 gauge flush recessed entry way is an ideal location for the HVAC unit. In addition, it gives customers a place to stage their goods during inclement weather.



Header draft stops are used to seal the top of the door to minimize dust, dirt, and blowing snow from entering the unit. Drafts stops may be added to a proposal or may be purchased at a later date.



Jamb brush seals attach to the side jamb to minimize dust, dirt, and blowing snow from entering the unit. Brush seals may be added to a proposal or they may be purchased at a later date.



The Space Guard latch comes installed on all doors. The cylinder lock can be purchased separately, these locks can be keyed alike or keyed separately. The inset photo shows our ADA compliant latch.\*

\*ADA loop may not be approved in all areas.



Stainless steel latches may be purchased as an alternative to the Space Guard latch. Guardian II locks for the stainless steel latches may be purchased separately, these locks can be keyed alike or keyed separately. The inset photo shows our ADA compliant latch.\*