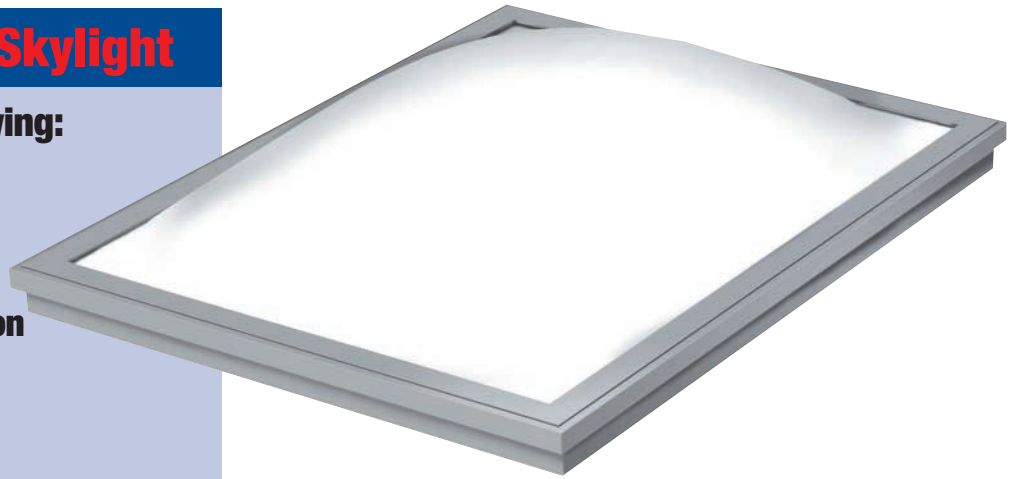


**NEW
PRODUCT**

ASTM-Tested Skylight with the **JOIST RIDER CURB**

Model 397 Thermalized Skylight

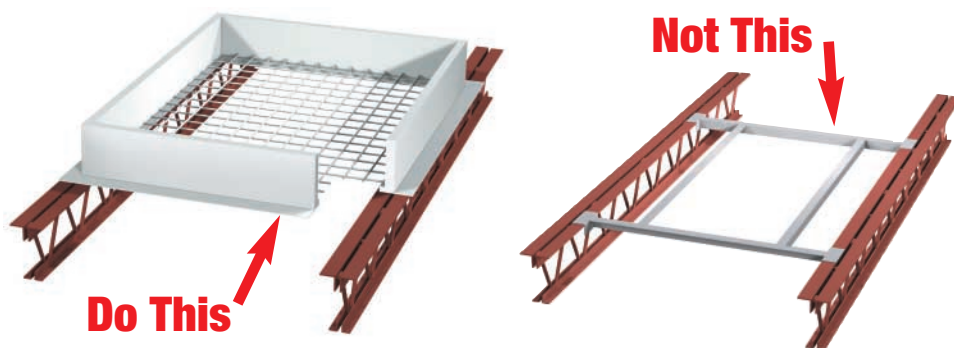
- **ASTM Tested to meet the following:**
ASTM E283 – Air Infiltration
ASTM E330-96 – Positive Load
ASTM E300-96 – Negative Load
ASTM E331-96 – Water Penetration
- **5' x 5', 5' x 8', 6' x 6' and 6' x 8'**
Skylights for Greater Efficiency
and Fewer Roof Openings
- **Custom sizes available**



The Joist Rider Curb

- **Designed to Fit 5' and 6' Joist Spacings**
- **No Saddle Required To Support Curb**
- **Built-In Fall Protection Meets OSHA Regulation 1926.501 "Duty to Have Fall Protection"**
- **Flanged to Support Roof Decking**
- **Inside of Curb is Powder Coated White for Maximum Light Reflectance**
- **Built-In Security Grill**
- **Larger Skylight Yields More Daylight**
- **Thermalized Skylight is ASTM Tested**

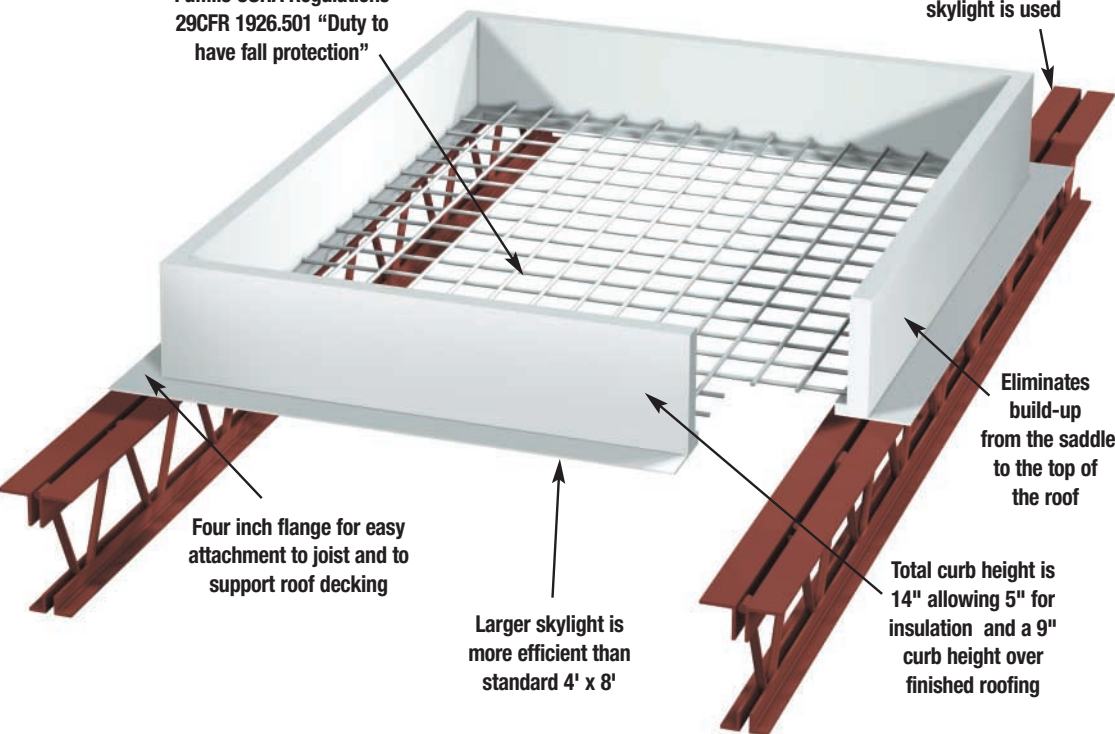
The **NEW** Joist Rider Curb and Thermalized Skylight



Beats Conventional Skylight Installations Hands Down

Fall Protection / Security Grill
Fulfills OSHA Regulations
29CFR 1926.501 "Duty to
have fall protection"

Eliminates saddle
required to span between
the joists when a smaller
skylight is used



Four inch flange for easy
attachment to joist and to
support roof decking

Larger skylight is
more efficient than
standard 4' x 8'

Eliminates
build-up
from the saddle
to the top of
the roof

Total curb height is
14" allowing 5" for
insulation and a 9"
curb height over
finished roofing

The Joist Rider Curb attaches directly to the support joists.

		Joist Rider Curb		Thermalized Model 397 Skylight	
		MODEL	OUTSIDE CURB DIMENSION	MODEL	INSTALL ON JOIST RIDER CURB
5'-0" Joist Spacing	}	JR-6096	60" X 96"	397-6096	JR-6096
		JR-6060	60" X 60"	397-6060	JR-6060
6'-0" Joist Spacing	}	JR-7296	72" X 96"	397-7296	JR-7296
		JR-7272	72" X 72"	397-7272	JR-7272

The Joist Rider Curb

- Designed to Fit 5', 6' and 6'6" Joists Spacings
- No Saddle Required To Support Curb
- Built-In Fall Protection Meets OSHA Regulation 1926.501 "Duty to Have Fall Protection"
- Flanged to Support Roof Decking
- Inside of Curb is Pre-Painted White for Maximum Light Reflectance
- Built-In Security Grill
- Larger Skylight Yields More Daylight
- Thermalized Skylight is ASTM Tested

Model 397 Thermalized Skylight

- ASTM Tested to meet the following:
ASTM E283 – Air Infiltration
ASTM E330-96 – Positive Load
ASTM E300-96 – Negative Load
ASTM E331-96 – Water Penetration
- 5' x 5', 5' x 8', 6' x 6' and 6' x 8' Skylights for Greater Efficiency and Fewer Roof Openings
- Custom sizes available

The **NEW** Model 397 Thermalized Skylight

TESTED TO ASTM E283, E300-96, E330-96 AND E331-96

Designed to Fit 5', 6' & 6'6" Joist Spacing

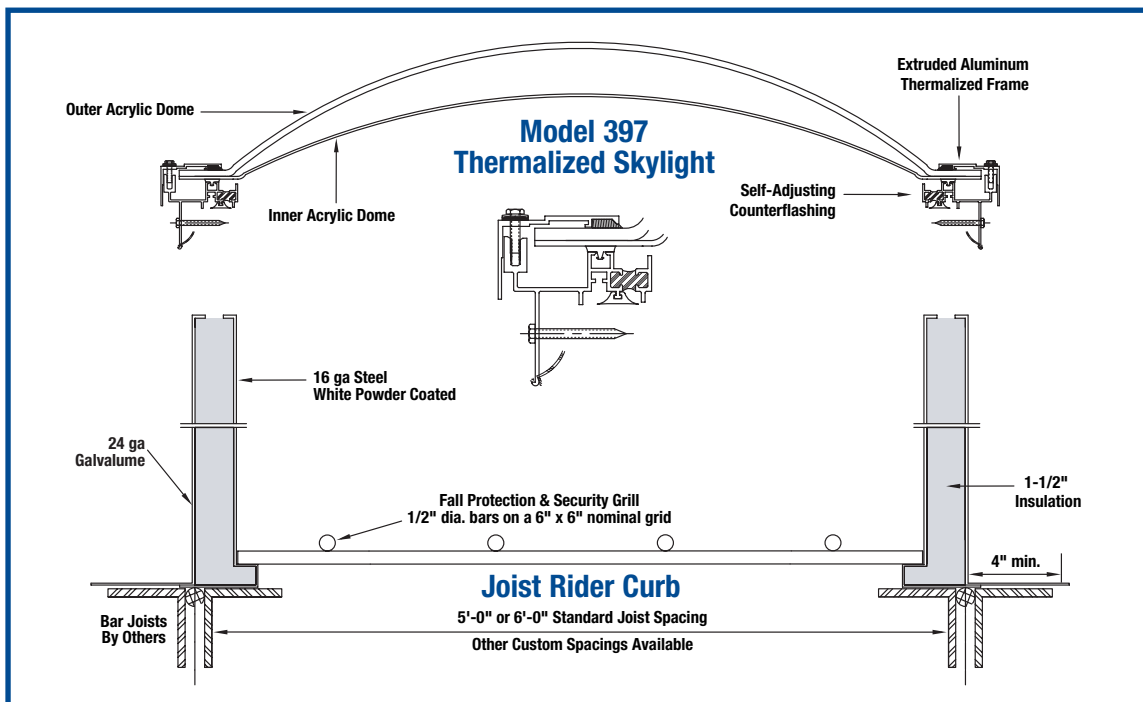
Plasteco's Joist Rider Curb and ASTM Tested Model 397 Thermalized Skylight provide a practical and simple solution for installing skylight curbs and skylights to provide free daylight in warehouse, retail and manufacturing facilities. The Joist Rider Curb is designed to install directly on the bar joists, eliminating the need for providing a saddle which is required to support the nominal size 4' x 8' "curb mounting" or "integral curb" skylights provided by most manufacturers.

The numerous steps required to install a conventional "curb mounting" or "integral curb" skylight is illustrated below. These steps add to the final cost and can result in construction delays particularly since additional trades are required to create a skylight well (space from saddle to finished roof) for an "integral curb" skylight. In the case of a "curb mounting" skylight, a curb must be built in addition to the skylight well.

Installation of the Joist Rider Curb and ASTM Tested Model 397 Thermalized Skylight is simple. The Joist Rider is first secured to the bar joists. Then the roof decking, insulation, roofing, etc. is completed as specified. Last, the Model 397 Thermalized Skylight is installed, with its self-adjusting counterflashing, onto the Joist Rider Curb.

The Joist Rider Curb is a galvalume outer wall and white powder coated steel inner wall curb with 1-1/2" thick insulation. The 14" curb height, allowing for 5" of insulation and finish roofing, provides the Joist Rider Curb with an impressive height of 9" above the finished roof.

The larger sizes available with the Joist Rider Curb and ASTM Tested Model 397 Thermalized Skylight results in fewer skylights required to achieve the desired level of daylighting. The Joist Rider Curb also provides compliance to OSHA Regulation 29 CFR 1910.501 "Duty To Have Fall Protection".



ASTM Tested Model 397 Thermalized Skylights

Plasteco's Model 397 has been specifically designed for installation on the Joist Rider Curb. The Model 397 is engineered in compliance with ASTM tests for air and water infiltration in addition to positive and negative loads.

Specifications Joist Rider Curb

Joist Rider Curb shall be Model JR6096 (or 6060; 7296; 7272) as manufactured by Plasteco, Inc., Houston, TX (800-231-6117; toll free fax 877-231-6117). The curb shall be 14" high and formed of 16 gauge steel. The interior of the curb and fall protection grill shall be powder coated white. The curb shall have a treated 2 x 4 wood nailer and 1-1/2" thick R-10 rigid closed cell polyisocyanurate foam core board. The curb shall have a minimum 4" flange on all four sides. The Joist Rider Curb shall have a fall protection grill consisting of 1/2" diameter steel bars welded at each intersection of a nominal 6" x 6" grid. The 6" x 6" steel grid provides compliance to OSHA Regulation 29 CFR 1910.501 "Duty to have fall protection".

Specifications for ASTM Tested Model 397 Thermalized Skylights

Skylights shall be Model 397-7296 (or 7272; 6096; 6060) as manufactured by Plasteco, Inc., Houston, TX (800-231-6117; toll free fax 877-231-6117). Skylight frames shall be mill finish 6035-T5 extruded aluminum. Gasket shall be EPDM and all sealants butyl. The outer dome shall be from 6mm thick clear acrylic and inner dome formed of 4.5mm white translucent acrylic.

Model 397-7296 shall have no water entry when subjected to ASTM E331-96. When tested to ASTM E283 no more than 0.14 cfm/ft² air infiltration when subjected to 0.56 psf and 0.25 cfm/ft² when subjected to 1.56 psf. The model 397-7296 shall be tested to 100-105 psf under ASTM E330-96 positive load and 90 psf under ASTM E300-96 negative load.



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