

# TECHNICAL

specifications  
properties  
performance

# UPDATE

## GlasRoc® Sheathing: Application to steel studs with pneumatic pin systems

Pneumatic pin systems are another option for attaching GlasRoc® Sheathing to steel studs. In 2005, we tested several systems to aid the design professional who chooses to use one of these systems. The following chart represents the negative design pressures as reported by RADCO, an independent lab, in their Test Reports No. RAD-3787, RAD-3766, and RAD-3788. In all cases a safety factor of 3.0 has been applied to the design pressures.

The pneumatic pin fastener companies should be contacted by the design professional for installation details of their systems.

ALLOWABLE TRANVERSE WIND LOADS (ASTM E 330)

Wall Sheathing	Steel Stud Spacing, inches o.c.	Steel Stud ga	Fasteners & Configuration	Design Pressure (lbf/ft <sup>2</sup> )
5/8" GlasRoc® Sheathing Type X	24	20	ET&F 1-1/2" AGS-100 - pin 6" o.c.	-29
5/8" GlasRoc® Sheathing Type X	24	18	ET&F 1-1/2" AGS-100 - pin 8" o.c.	-22
5/8" GlasRoc® Sheathing Type X	24	22	Aerosmith 2325A 1-1/4" Gripshank pin 8" o.c.	-18
5/8" GlasRoc® Sheathing Type X	24	18	Aerosmith 2325A 1-1/4" Gripshank pin 8" o.c.	-18
5/8" GlasRoc® Sheathing Type X	24	16	Aerosmith 2325A 1-1/4" Gripshank pin 8" o.c.	-18
5/8" GlasRoc® Sheathing Type X	16	16	Aerosmith 2325A 1-1/4" Gripshank pin 8" o.c.	-28
5/8" GlasRoc® Sheathing Type X	24	16	Aerosmith 2325A 1-1/4" Gripshank pin 6" o.c.	-21
1/2" GlasRoc® Sheathing	16	22	Aerosmith 2325A 1-1/4" Gripshank pin 8" o.c.	-18
5/8" GlasRoc® Sheathing Type X	24	18	ITW Ramset Gyp-Fast #GF112 1-1/2", 8" o.c.	-20
5/8" GlasRoc® Sheathing Type X	24	16	ITW Ramset Gyp-Fast #GF112 1-1/2", 8" o.c.	-18

(lbf/ft<sup>2</sup> = pounds-force per square foot)

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