

P24 & P24XL DELTA TIE

DESCRIPTION

The Delta Tie is a two-dimensional truss of structurally non-conductive, non-corrosive fiber composite used as a wythe connector for concrete sandwich panel construction.

FEATURES & BENEFITS

- Increased load bearing.
- Stiffer insulated panels, easier to handle.
- Design flexibility.
- Material, labor and transportation cost reduction.
- Quick and easy installation.
- Applicable to all brands of foam panel insulation.

PRODUCT DATA

- Up to 75% fewer ties versus comparable systems
- No thermal bridging between wythes
- Provides a range of composite action levels
- Passed ASTM E-119 (4 hr) and NFPA 285 fire testing
- Application software is available to aid with design and layout

Delta Tie Type	Insulation Thickness	Tension Capacity* (lbs)	Shear Capacity* (lbs)
P24 (5"x7")	1" to 2"	3407	3612
P24 (5"x7")	3"	2546	1787
P24 (5"x7")	4"	2136	1360

*Characteristic Strength based on 5% Fractile (95% Probability with 90% Confidence)

Delta Tie Type	Insulation Thickness	Tension Capacity* (lbs)	Shear Capacity* (lbs)
P24XL (9"x11")	1" to 5"	5800	3700
P24XL (9"x11")	6"	3400	3075
P24XL (9"x11")	7"	4000	2800
P24XL (9"x11")	8"	3200	1650

*Ultimate capacity per tie

