

P27 YETI-ANCHOR®

DESCRIPTION

The P27 Yeti-Anchor is a high performance, non-conductive, non-corrosive continuous glass-fiber reinforced polymer anchor used as a wythe connector for concrete insulated sandwich panel construction.

FEATURES & BENEFITS

- Fast and flexible installation
- No thermal bridging between wythes
- Limits occurrence of interstitial condensation
- Provides a range of composite action levels
- Passed NFPA 285 and ASTM E-119 (4-hr) fire testing
- Application software to aid with design and layout

APPLICATION

- Increased load bearing
- Stiffer panels for easier handling
- Material, labor, and transportation reduction
- Compatible with all code compliant rigid foam insulation
- Available for 1.5" (YS) and 2" (YL) concrete embedment and insulation thicknesses of 2"-4" (see size chart for more information)
- Additional insulation thicknesses can be offered upon request

TECHNICAL DATA

Square-Foot Coverage per Anchor*				
		Insulation Thickness		
		2"	3"	4"
Exterior Wythe Thickness	2"	4 Sq.Ft. (PN: 100531)	4 Sq.Ft. (PN: 100532)	4 Sq.Ft. (PN: 100533)
	3"	4 Sq.Ft. (PN: 100534)	4 Sq.Ft. (PN: 100535)	4 Sq.Ft. (PN: 100536)
	4"	4 Sq.Ft. (PN: 100534)	4 Sq.Ft. (PN: 100535)	4 Sq.Ft. (PN: 100536)

*Spacing provided is the maximum allowed square-foot coverage per anchor for the given wall condition with the 4 to 1 factor of safety assuming an unsupported exterior wythe. It is acceptable to decrease the spacing to allow for easier installation. Spacing does not need to be broken down into perfect squares (i.e. 2 Sq.Ft. could be 1'x2' or 17"x17")



	P27 Yeti-Anchor YS	P27 Yeti-Anchor YL
Wythe Thickness Compatibility	2 - 3"	3" and greater
Nominal Concrete Embedment Depth	1.5"	2"
Allowable Tension Load* (lbs.)	2,500 psi	306
	3,000 psi	351
	3,500 psi	396
	4,000 psi	442
	4,500 psi	463
	5,000 psi	485
	5,500 psi	506
6,000 psi	527	873
Allowable Shear Load* (lbs.)	232	232
Insulation Hole Dia. If Not Self-Drilling	5/16"	

*Allowable load provides an industry standard factor of safety of approximately 4 to 1