

## SafeAnchor™ System

Non-drilling Concrete Anchors

### Product Description

Seal Bond's proprietary Safe Anchor™ adhesive anchoring system is specifically designed for overhead installation of lightweight electrical, plumbing, and HVAC components. Safe Anchor adhesive is applied directly to the Safe Anchor internally threaded metal pad and pressed into place for a quick, strong, and safe bond. The system was developed for vertical surface mounting to concrete or masonry without the need for drilling. New, restorative, or retrofit applications include: junction boxes, raceway, EMT, conduit, minerallac straps, lighting, trapezes, steel rod, duct work, pipe, and plumbing components. Safe Anchor can be installed as a primary or supplemental application method to traditional mechanical and adhesive anchors.

### Product Information: Adhesive

- Fast grab allows for quick fixturing - attachment of up to 25 lbs after 1 hr
- Installation does not require drilling which can create harmful crystalline silica dust
- Safe to Use - Solvent & Isocyanate Free
- Low VOC's, - 24.1 g/L
- May contribute to LEED V4 EQ Material Resource Credit 4.1 - Adhesives and Sealants
- Remains flexible to absorb expansion and contraction
- Can be installed on damp surfaces
- Water resistant

### Substrate Compatibility

- Concrete/Masonry
- Glass
- Wood
- Aluminum
- Stainless Steel
- Cold Rolled Steel

### Standards & Compliance

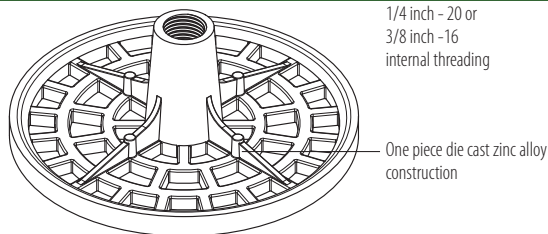
- May contribute to LEED V4 EQ Material Resource Credit 4.1 - Adhesives and Sealants
- Meets requirements of California Regs: CARB, BAAQMD and SCAQMD
- UL Recognized for Adhesive Systems for Electrical Components
- California Proposition 65 Compliant



### Warranty

Warranty Seal Bond warrants that our products are manufactured to strict quality assurance specifications. For warranty information visit: [www.seal-bond.com/terms](http://www.seal-bond.com/terms).

### Pad Properties



### Adhesive Properties

Please contact your Seal Bond Sales Representative before writing specifications around this product. Typical product properties are as follows:

Property	Typical Value	Units	Test Method
<b>VOC's</b>	24.1	g/L	EPA Test Method 24
<b>Skinover time @ 50% R.H. 70 deg F</b>	3	Min.	ASTM C679-03
<b>Shear Strength</b>	277	psi	ASTM D1002
<b>Typical Peel Strength</b>			
Aluminum	26.5	pli	ASTM D903
Mortar	25.9		
Glass	32.4		
Pine	25.7		
Cold Rolled Steel	28.7		
<b>Tensile</b>	408	psi	ASTM D412-06
<b>Elongation at Break</b>	402	%	ASTM D412-06

### Vertical Attachment - Hanging Strength

Pad Size	Thread Size	Aging Time & Temperature	Maximum Recommended Hanging Weight**	SafeAnchor™ (Avg. Peak Pull Force)*
3"	1/4"-20	1 hour after installation @ 60°C - 80°C, 50% R.H.	25 lbs	100 lbf
	3/8"-16			
3"	1/4"-20	2 days @ 60°C - 80°C, 50% R.H.	50 lbs	440.72 lbf
	3/8"-16			
3"	1/4"-20	7 days @ 60°C - 80°C, 50% R.H.	50 lbs	537.17 lbf
	3/8"-16			
3"	1/4"-20	14 days @ 60°C - 80°C, 50% R.H.	50 lbs	562.56 lbf
	3/8"-16			

\*Intertek, third-party test report dated September 2018

\*\*Strength development may be affected by temperature and humidity levels at application.