



Description

- Designed for structural concrete decks.

Application

- Insulation and membrane attachment to structural concrete roof decks

Features and Benefits

- 1/2" mushroom head
- Compresses at 3 contact points to match the tolerance of the drilled hole
- Can stand dynamic loads induced by wind loading
- Cathodic epoxy e-coat

Installation and Application Considerations

Tools: ANSI 1/4" diameter (.268-.260 dia.) drill bit. Drill hole depth at least 1/2" beyond the anticipated embedment depth. Clean the hole and drive Dekspike flush against the plate or material being fastened.

Options and Packaging

- 2" - 4" Lengths: 100/pk or 1000/bucket.
- 5" - 8" Lengths: 100/pk or 500/bucket.
- 9" - 24" Lengths: Custom*

Performance Data

Pull Out Strength

2000 psi Structural Concrete:

- 1" (25.4mm): 620 lbf / 2757N
- 1-1/4" (31.2mm): 830 lbf / 3692 N

3000 psi Structural Concrete:

- 1" (25.4mm): 775 lbf / 3447 N
- 1-1/4" (31.2mm): 1100 lbf / 4893 N

4000 psi Structural Concrete:

- 1" (25.4mm): 835 lbf / 3714 N
- 1-1/4" (31.2mm): 1210 lbf / 5382 N

Material:

- Structural concrete: Min penetration: 1"
- (Min penetration for 1-1/4" length: 7/8")

Coating and Corrosion

- 15/15 Kesternich per FM 4470
- 800 hour salt spray per ASTM B117
- Cathodic epoxy e-coat

Custom options may be available for additional charge. Lead times may apply depending on roofing manufacturer and product availability.

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