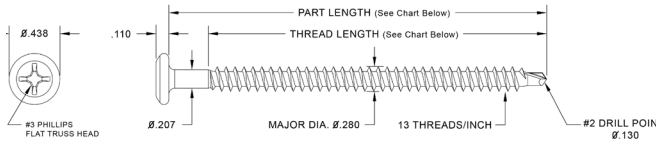


EHD #15 DRILL POINT FASTENERS



Description

Extra Heavy Duty Roofing Fastener with #3 Phillips Truss Head, Cathodic epoxy e-coat-13 threads per inch. Ideal multi-purpose fastener for use with 18-26ga. steel, structural concrete, and wood.

Application

- Insulation and membrane attachment to steel, wood and structural concrete roof decks.

Features and Benefits

- Extra stable #3 Phillips drive
- Drill point design prevents fastener walking
- 13 threads per inch provides higher pull-out values
- Drill point cuts through gravel and BUR
- Cathodic epoxy e-coat

Installation and Application Considerations

Tools: 2000 – 2500 rpm screw guns and hardened #3 Phillips bit. For structural concrete, 7/32" carbide bit and 1500 rpm screw gun or hammer drill in hammer mode. Structural concrete to be predrilled with standard 7/32" carbide bit to minimum 1/2" deeper than fastener penetration. The standard carton package includes one #3 Phillips bit.

Material:

- Steel thickness from 26 ga (.019 in.) through 18 ga (.048 in.): Min penetration: 3/4"
- Wood 2x (1-1/2" thick): Min penetration: 1"
- Plywood and OSB: Min through penetration: 3/4"
- Structural Concrete: Min penetration: 1"

Coating and Corrosion

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

Performance Data

Material Strength

- Tensile: 4350 lbf / 19350 N
 - Shear: 3700 lbf / 16458 N
- Torsional: 130 lbf / 14.69 N.m

Options and Packaging

- 2"-4" Lengths: 100/pk or 1000/bucket.
- 5"-8" Lengths: 100/pk or 500/bucket.
- 9"-24" Lengths: Call for details.
- Weights and Dimension: Vary by product.

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Pull Out Strength

Steel

- 18 Ga (1.2mm): 1140 lbf / 50171 N
- 20 Ga (0.9mm): 898 lbf / 3995 N
- 22 Ga (0.8mm): 683 lbf / 3038 N
- 24 Ga³ (0.6mm): 453 lbf / 2015 N
- 26 Ga³ (0.5 mm): 301 lbf / 1339 N

Wood

- 2 x dimensional lumber (1" penetration) (25.4mm): 692 / 3078 N
- 3/4" (19.1mm) FR Plywood (through penetration): 703 lbf / 3127 N
- 1/2" Plywood OSB

Concrete

- 4000 psi (1" penetration) (25.4mm): 728 lbf / 3238 N

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

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Information source:

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