Submittal: CSPFH420BC

STRONGCON® PHILLIPS FLAT HEAD, HI-LOW, NOTCHED THREADS, DIAMOND POINT, CERAMIC COATING

Size	Part#	Case Qty.	Description
1/4 x 1-1/4	CF420	3M	Phillips Flat Head, Hi-Low, Notched Threads, Diamond Point, Ceramic Coating
1/4 x 1-3/4	CF428	2M	Phillips Flat Head, Hi-Low, Notched Threads, Diamond Point, Ceramic Coating

Application: Attaches wood or metal to concrete, brick, cement block or masonry.

Specifications:
- Meets ASTM[1] A 510 for carbon steel manufacturing
- Product meets ASTM B-117 for salt spray corrosion testing

Features:
- Ceramic coating exceeds 500/hr. salt spray resistance
- Designed to work with ACQ treated lumber
- Notched threads for cutting into concrete, brick and cement block
- Diamond Point design for cutting and clearing debris during installation

Installation: Using a 3/16 carbide masonry drill bit and hammer drill (in hammer mode), drill a hole 1/4" deeper than the minimum embedment requirements of the concrete screw to be installed*. Clean the dust from the hole using compressed air or hand pump. Use a #3 Phillips bit with hammer mode turned OFF or a standard rotary drill to install fastener until seated. Do not over torque as it can cause the head to snap or stripping of the recess.

*When installing into Hollow Block CMU drill through the full thickness of face wall.

Allowable Load Capacities (Avg. Lbs.)					Structural Properties (ksi)		Spacing
Substrate: Concrete			3,000 PSI				
Size	Min. Embed	Min. Edge Dist.	Tension	Shear	Fu	Fy	Spacing
1/4	1"	2-1/2"	121	209	70	52	3"

The values listed are averages achieved under laboratory conditions and imply no warranty. Appropriate safety factors should be applied to these values for design purposes.

[1](American Society of Testing Materials)

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