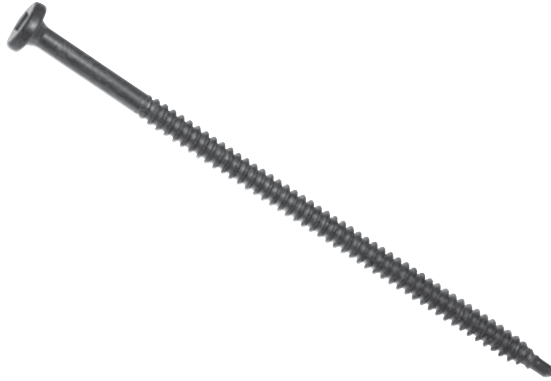


HP Fastener



Overview

Carlisle's HP Fastener is used with various Carlisle fastening plates to secure membrane, insulation, and Pressure-Sensitive (PS) RUSS strips to a variety of substrates. Specially designed for securement of membrane on Carlisle's Sure-Tough™ mechanically fastened systems, Carlisle's HP Fasteners are compatible with 22-gauge and heavier steel, CDX plywood, and wood plank deck types. The HP Fasteners are designed to offer a good combination of pull-out, back-out, and corrosion resistance with excellent driving performance.

Features and Benefits

- » Buttress thread design and wide surface contact provide increased pull-out and back-out resistance
- » Can be used on wood (minimum $1\frac{5}{32}$ " [12 mm] CDX plywood) and steel decks (22-gauge [0.76 mm] or heavier)
- » Mini drill-point is designed to maximize installation efficiency
- » Excellent corrosion resistance, surpassing the FM 4470 corrosion test

Installation

No pre-drilling is necessary for wood and steel decks. Simply insert the HP Fastener through an approved Carlisle plate and install with a standard clutch drive electric screw gun (0–2,500 rpm). Optimum fastener performance is achieved when the fastener is installed perpendicular to the deck and into the top flutes of a steel deck.

Review Carlisle specifications and details for complete installation information.

Precautions

- » Eye protection is recommended during drilling and installation of fasteners.
- » Use care to avoid over-driving the fastener.

Typical Properties and Characteristics

Size – Inches (mm)	Weight/Bucket (Kg)	Thread Length – Inches (mm)	Packaging Fasteners/ Carton
1 ¼ (30)	12.4 lbs (5.62)	Full	1,000
2 (50.8)	18.25 lbs (8.27)	Full	1,000
3 (76.2)	24.85 lbs (11.27)	Full	1,000
4 (101.6)	32.2 lbs (14.60)	Full	1,000
5 (130)	39.4 lbs (17.87)	4 (100)	1,000
6 (150)	46.9 lbs (21.27)	4 (100)	1,000
7 (175)	27.7 lbs (12.56)	4 (100)	500
8 (200)	31.5 lbs (14.28)	4 (100)	500
9 (225)	35.8 lbs (16.23)	4 (100)	500
10 (250)	39.8 lbs (18.05)	4 (100)	500
11 (280)	42.6 lbs (19.32)	4 (100)	500
12 (300)	46.6 lbs (21.13)	4 (100)	500
13 (330)*	24.7 lbs (11.20)	4 (100)	250
14 (355)*	26.5 lbs (12.02)	4 (100)	250
15 (380)*	28.5 lbs (12.92)	4 (100)	250
	Steel Deck 22-Gauge or Heavier	Wood Deck $1\frac{5}{32}$" Plywood	
Minimum Penetration	$\frac{3}{4}$ " (19 mm)	1" (25 mm)	
Maximum Penetration	4" (100 mm)	4" (100 mm)	
Typical Static Back-out	15.1 in lbs (1.7 N-m)	N/A	
Typical Drill Times	1.5 seconds (18-gauge deck)	N/A	

*Please note: 13", 14", and 15" sizes are available in cardboard cartons only. 2"–12" available in stainless steel.

Typical properties and characteristics are based on samples tested and are not guaranteed for all samples of this product. This data and information is intended as a guide and does not reflect the specification range for any particular property of this product.