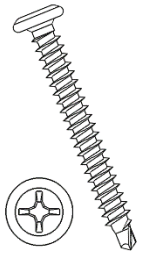
#15 EHD SCREWS

DESCRIPTION

Duro-Last® approves #15 EHD Screws ("Extra Heavy Duty") for mechanical fastening of the Duro-Last Roofing System. EHD Screws are #15 diameter, have a P-3 truss head, and are equipped with a drill point. EHD Screws may achieve 10% greater pullout force than HD Screws.

EHD Screws can be used with wood, structural concrete (2,500 psi (17.2 MPa) min.), and steel decks, and are able to penetrate a 20-gauge deck in under 3 seconds with a 50-lbf (222.41-N) load.

FM APPROVED



STORAGE AND HANDLING

Always store in a dry location protected from the elements.

INSTALLATION

Fasteners must penetrate at least 1 inch (25 mm) into all decks.

Pre-drill concrete decks, 1/2 (13-mm) past required screw depth, using a 3/16-inch (5-mm) to 7/32-inch (5.5-mm) bit, based on concrete density and pullout tests.

PERFORMANCE DATA

Property	Standard	Value Lbf (N)
Tensile Strength	ASTM F606-10	4,200 (18,682.5)
Shear Strength	AISI S904	2,400 (10,675.7)
Corrosion Resistance	FM 4470, DIN 60018	< 15% red rust

EHD SCREW ORDERING

Total Length Inch (mm)	Thread Length Inch (mm)	Quantity (Per Pail)	Item Number
2 (51)	2 (51)	1,000	1378
3 (76)	2.875 (73)	1,000	1379
4 (102)	2.875 (73)	1,000	1380
5 (127)	3.875 (98)	1,000	1381
6 (152)	3.875 (98)	500	1382
7 (178)	3.875 (98)	500	1383
8 (203)	3.875 (98)	500	1384
9 (229)	3.875 (98)	250	1385
10 (254)	3.875 (98)	250	1386
11 (279)	3.875 (98)	250	1387
12 (305)	3.875 (98)	250	1388
14 (356)	3.875 (98)	250	1257
16 (406)	3.875 (98)	250	1258
18 (457)	3.875 (98)	250	1259
20 (508)	3.875 (98)	250	1260
22 (559)*	3.875 (98)	250	1260-022
24 (610)*	3.875 (98)	250	1260-024

*Drop-ship only. Contact Duro-Last sales for lead times.

AVERAGE PULLOUT VALUE BY DECK TYPE
NEW CONSTRUCTION

Deck Type	Deck Thickness	Yield Strength Ksi (MPa)	Avg Pullout Value Lbf (N)
Steel	16 gauge	33 (227.53)	1,000 (4,4448.22)
		80 (551.58)	1,000 (4,4448.22)
		102 (703.27)	1,000 (4,4448.22)
	18 gauge	33 (227.53)	925 (4,114.6)
		80 (551.58)	1,000 (4,4448.22)
		102 (703.27)	1,000 (4,4448.22)
	20 gauge	33 (227.53)	605 (2,691.17)
		80 (551.58)	855 (3,803.23)
		102 (703.27)	970 (4,314.77)
	22 gauge	33 (227.53)	465 (2,068.42)
		80 (551.58)	695 (3,091.51)
		102 (703.27)	805 (3,580.82)
	24 gauge	36.5 (251.66)	390 (1,734.81)
Plywood	15/32 in. (12 mm)		400 (1,779.29)
	19/32 in. (15 mm)		525 (2,335.32)
	23/32 in. (18 mm)		685 (3,047.03)
OSB	7/16 in. (12 mm)		295 (1,312.23)
	15/32 in. (12 mm)		300 (1,334.47)
	19/32 in. (15 mm)		310 (1,378.96)
	23/32 in. (18 mm)		515 (2,290.83)
Wood Plank	SPF #2		1,000 (4,4448.22)
Structural Concrete	2,500 psi min. (17.2 MPa)		1,000 (4,4448.22)

Duro-Last, the "World's Best Roof", and Amrize™ are trademarks in the Amrize Technology Switzerland LLC, or its affiliates' portfolio.
All other trademarks are property of their respective owners. Duro-Last is a brand of Amrize Building Envelope LLC. Created: 01/05/2015 Revised: 09/29/2026