



ARDEX Heavy Duty Fastener

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ARDEX Heavy Duty Fastener

DESCRIPTION

The ARDEX Heavy-Duty Fastener is specifically designed to be used in roofing applications which require additional corrosion protection and additional pullout resistance. The Heavy -Duty Fastener may be used for attachment of roofing insulation, for attachment of ARDEX Seam Plates and other accessories to steel, wood, concrete and other decks where approved by ARDEX Technical Specifications.

PREPARATION

Substrate must be sound and dry. For some substrates ARDEX will require a pull-out test prior to installation Refer to chapter System Design for additional information.

APPLICATION

Using the #3 Phillips tip provided and a variable speed drill, engage the fastener into the deck as noted below, taking care not to over or under drive the fastener.

Note: If pre-drilling of the deck substrate is necessary, use a hammer drill in impact mode with a (5.56 mm) carbide drill bit. Install fasteners by using a variable speed drill at a maximum of 1,500 RPM.

COVERAGE

The quantity of fasteners should be in compliance with wind design requirements.

CHARACTERISTICS

Property	Minimum Performance
Material	SAE 1022, heat treated steel
Thread size	.275" (6.98mm) nom. diameter
Threads/Inch	13 min.
Thread Design	Buttress thread
Fastener Tip	Drill point design
Fastener Head	#3 Phillips drive
Pullout in New 22ga. (0.76mm) Steel Deck	
Grade C (Grade 33)	595 lb (270kg) min.
Grade E (Grade 80)	650 lb (295kg) min.
Pullout in New Structural Concrete: 700 lb	(317.5kg) min.
Pullout in New ½" (12.7mm) Plywood	360 lb (163kg) min.
Corrosion Resistant Coating	Red epoxy applied by Electrocoating

PACKAGING/STORAGE/SHELF LIFE

Screw Length (mm)	32mm
Screw Length(")	1 ¼
Thread Length (mm)	Full
Pieces/pail	1000
Storage:	Dry and clean
Shelf life:	Unlimited

Determine required screw length as follows:

Steel Decks	Select fastener length to penetrate through the deck a minimum of ¾" (19.1 mm).
Wood Decks	Select fastener length to penetrate into or through deck a minimum of 1" (25.4 mm).
Concrete Decks	Select fastener length to penetrate into deck a minimum of 1" (25.4 mm).

PRECAUTIONS

Eye protection is recommended during installation.

DISCLAIMER

The technical details, recommendations and other information contained in this data sheet are given in good faith and represent the best of our knowledge and experience at the time of printing. It is your responsibility to ensure that our products are used and handled correctly and in accordance with any applicable Australian Standard, our instructions and recommendations and only for the uses they are intended. We also reserve the right to update information without prior notice to you to reflect our ongoing research and development program.

Country specific recommendations, depending on local standards, codes of practice, building regulations or industry guidelines, may effect specific installation recommendations.

The supply of our products and services is also subject to certain terms, warranties and exclusions, which may have already been disclosed to you in prior dealings or are otherwise available to you on request. You should make yourself familiar with them.

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