

PRODUCT DATASHEET

POLYGON STRESS PLATE



Product Details

Purpose:

Evolution Stress Plates are designed for use with Evolution Heavy Duty Screws, Tek screws and Masonry anchors. Evolution Stress plates are used when fixing insulation and single ply materials to help distribute load and prevent the material being fastened from pulling over the head of the fastener. Insulation plates are also used when mechanically attaching rigid form insulation to roof decks. The design of the insulation plate allows it to flex during installation if a fastener is over-driven preventing damage to the insulation board

Polygon Stress Plate nominal dimension information

Part Number	Form	Material	Nominal Thickness (mm)	Nominal Dimensions (mm)
GIW80	Polygon	Galvanised Carbon	0.5	80.0
A2PIW80	Polygon	A2 Stainless	0.5	80.0

Polygon Stress Plate companion fixing finder

Fixture Type	Substrate Type	Companion Product Range
Rigid insulation/Single ply membrane	Masonry	GIA / A2GIA
	Steel (1.2mm-12.5mm)	Composite Panel Fastener w/ 19mm Washer (Various Ranges Available)

NOTE: The results expressed in this document are determined from empirical testing. Specifiers, end-users and other third parties should make their own decision(s) on what safety factors to use relevant to their design(s)/ application(s). This document is provided, strictly: without prejudice, without recourse, without liability, non-assumpsit, no assured value, errors and omissions excepted, subject to change without notice and all rights reserved.
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