



PRODUCT DATASHEET

SSPR STAINLESS STEEL STRESS PLATE

PRODUCT DETAILS

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 overdriven preventing damage to the insulation board. Oval stress plates; sometimes called lap plates, are used when mechanically attaching single ply material in the area of the lap or seam.

TECHNICAL INFORMATION

Stress Plate Nominal Dimensional Information

SKU	FORM	NOMINAL THICKNESS (mm)	NOMINAL INTERNAL HOLE DIAMETER (mm)	NOMINAL DIAMETER (mm)
SSSPR70	Round	0.7	6.5	70.0 (diameter)
SSSPR8.2-70	Round		8.2	70.0 (diameter)

Stress Plate Companions Finder

Fixture Type	Substrate Type	Bi-Metal and Stainless Steel	
		SSSPR70	SSSPR8.2-70
Rigid Insulation / Single Ply Membrane	Masonry	A4HH6.3	A4HH6.3/8.0
	Steel (0.6-2.0mm)	A4IS	N/A
	Steel (1.2-3.5mm)	BMTSBWHT TEK 3	BMTSBWHT TEK 3
	Steel (4.0-12.5mm)	BMTSBWHT TEK 5	BMTSBWHT TEK 5

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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