

Data Sheet

Mechanical Anchors - SW P100

Description

EIFS insulation wall fixing plate/fastener, also called EIFS wall fastening washer or anchor is made of high-impact Polypropylene, assembled with different sizes of screws. Plastic expansion dowel provide excellent mechanical strength for the SW panels to substrate. Available in various lengths as per insulation thickness. Minimum five dowels are recommended with the standard size of Smart Wall panel. Fastening application should be performed once the CT 85 adhesive is fully cured. Fastener heads should be flush with the insulation board surface and patched with base coat.



Technical data

Length	100 mm
Units required	5 per board
Nail diameter	4.5 mm
Nail Material	Steel
Head Material	Polypropylene
Installation temperature	0 - 40° C

- Universal hammer-in anchor
- Approved for concrete, solid and perforated masonry
- Solid steel nail (break-proof)
- Low profile washer face
- Plastic injection element to reduce thermal transmission
- Can be used with an additional spreader washer
- Short embedment depth, reduced drilling
- High loads for your security
- Economic anchor usage
- Premounted nail for quick installation

Characteristic loads		
A	Normal weight concrete C 12/15 acc. to EN 206-1	8 mm
A	Normal weight concrete C 16/20 - C 50/60 acc. to EN 206-1	60 mm
B	Clay bricks (Mz) acc. to DIN 105	35 mm
B	Solid lime sandstone (KS) acc. to DIN EN 106	25 mm
C	Vertically perforated clay brick (Hz) acc. to DIN 105 bulk density $\geq 1.2 \text{ kg/dm}^3$	0.001 W/K
C	Vertically perforated clay brick (Hz) acc. to DIN 105, bulk density $\geq 0.9 \text{ kg/dm}^3$	A,B,C
C	Sand-lime perforated (KSL) acc. to DIN EN 106	ETA -11/0192

Application matrix						
Insulation thickness (mm)	To allow for differences in thicknesses of build up (adhesive and existing render), (mm) Embedment depth = 25 mm (A, B, C)					
	10	30	50	70	90	110
40	095	095				
60	095	115	135			
80	115	135	155	175	195	
100	135	155	175	195	215	235
120	155	175	195	215	235	255
140	175	195	215	235	255	275