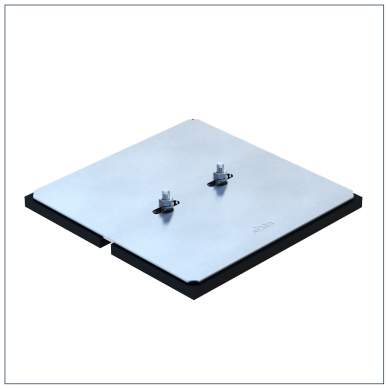
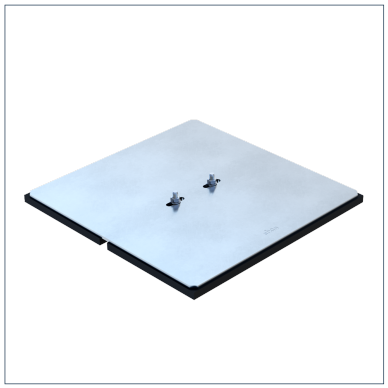
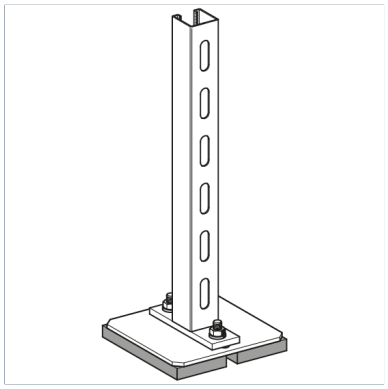
Insulated Foot Plate SHB HCP







General Information

Comprehensive solution incl. protection pad for flat roofs and central energy supply centers with coated floor. In combination with the Sikla Assembly System, this element allows the realisation of arbitrarily compositions. The water permeable protection pad allows a secure and reliabe support with constant load distribution. Particularly suitable for the fixation of aggregates, pipings, ventilation ducts or walkways. Following elements could be assembled to the Insulated Foot Plate: Slide Elements, Mounting Plates, Support Brackets 150/150, Joints JOI 41 T, Channels MS 41, Cantilever Brackets, End Supports WBD for single channel.

Installation

Unscrew the nuts, position the distance between the screws according to the slot pattern of the element to be connected and tighten screws.
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The system-related static friction must be determined on site. Depending on the roofing membrane used, the use of an additional separating layer is recommended. The load transfer into the structure must be checked on site.

Mechanical Properties

Ultimate tensile strength	0.40 N/mm²
Tear resistance	3.40 N/mm

Material Properties

Elongation at break	70 %
Compression set	approx. 4.5 % measured 30 min. after release at 50 % compression / 23°C after 72 hours
Halogen-free	0
UV-resistant	0

Material

Primary element material	steel
Isolating element material	caoutchouc
Connecting element material	steel
Surface finish	HCP
Corrosion protection class	C4

Fire Performance

Class B2 according to DIN 4102

Insulated Foot Plate SHB HCP

Types

Type	Weight	Quantity	Part number
SHB 160 HCP	1.300 kg/pcs.	10 pcs.	113117
SHB 300 HCP	4.500 kg/pcs.	1 pcs.	113118
SHB 450 HCP	11.500 kg/pcs.	1 pcs.	113119
SHB 600 HCP	26.500 kg/pcs.	1 pcs.	113120

Dimensions

Type	BP1	bP	BS	HS	lzP	Ma	tP	ts
SHB 160 HCP	98 mm	11 mm	168 mm	166 mm	33 mm	M10	5 mm	15 mm
SHB 300 HCP	98 mm	11 mm	308 mm	306 mm	33 mm	M10	5 mm	15 mm
SHB 450 HCP	98 mm	11 mm	458 mm	456 mm	33 mm	M10	6 mm	15 mm
SHB 600 HCP	98 mm	11 mm	608 mm	606 mm	33 mm	M10	8 mm	15 mm

Certification