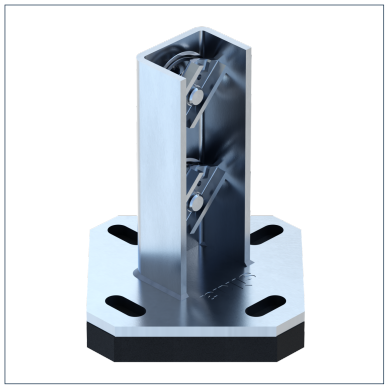
Insulated Foot Plate SHB 41 HCP



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

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.

Channel height h(max): 41 to 62 mm

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

Types

Type	Weight	Quantity	Part number
SHB 41-1 HCP	1.204 kg/pcs.	10 pcs.	198902
SHB 41-2 HCP	2.3 kg/pcs.	5 pcs.	198919

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Dimensions

Type	b	BP	BP1	bP	C	C1	HP	HP1	lz	lzP	t	tP	ts
SHB 41-1 HCP	11 mm	135 mm	100 mm	11 mm	40 mm	100 mm	135 mm	100 mm	14 mm	14 mm	4 mm	6 mm	15 mm
SHB 41-2 HCP	11 mm	210 mm	170 mm	13 mm	40 mm	100 mm	210 mm	170 mm	14 mm	12 mm	4 mm	8 mm	15 mm

Certification