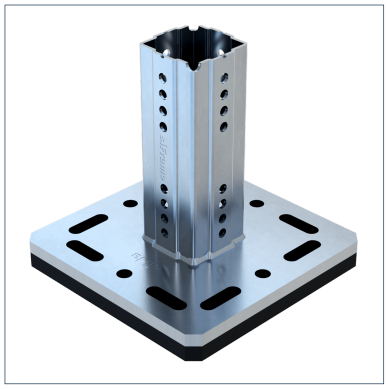
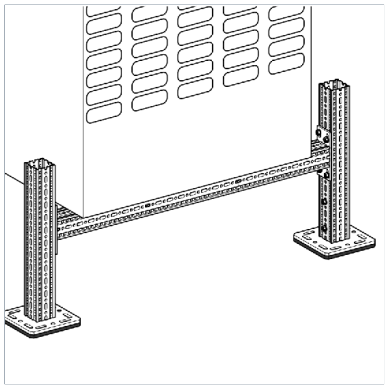
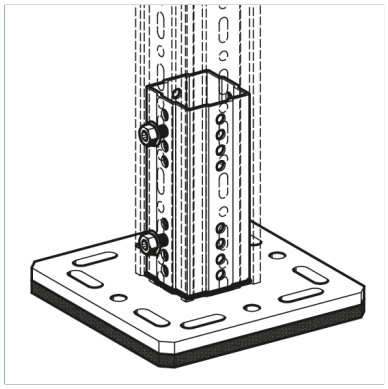
Insulated Foot Plate SHB F 80 HCP







General Information

Integrated footplate and permeable rubber compound mat to provide a solution for the support of building services, without the need for penetrative supports. In combination with the Sikla siFramo TP F 80 section, any frame structure may be built up from the footplates. Especially suitable for maintaining the thermal and waterproofing integrity of a roof or basement floor as no penetrative fixings are required to secure the footplates for service supports.

Installation

Assembly to Beam Section TP F 80 by means of 4 Self Forming Screws FLS F.

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. 4.0 % 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	SBR
Surface finish	HCP
Corrosion protection class	C4

Forces

Type	V{Z,Rd}
SHB F 80 220 HCP	34,6 kN

Note on loadings

The specified load values are design loads Rd and include a partial safety factor $\gamma M2 = 1.25$ (DIN EN 1993-1-8:2025-04, Table 4.1)

A partial safety factor of $\gamma G = 1.35$ (DIN EN 1990:2021-10, Table A1.2(B)) must be taken into account for permanent loads.

Insulated Foot Plate SHB F 80 HCP

Fire Performance

Class B2 according to DIN 4102

Types

Type	Weight	Quantity	Part number
SHB F 80 220 HCP	5,650 kg/pcs.	1 pcs.	198926

Dimensions

Type	bP	BP	BP1	dP	HP	HP1	lzP	LG	tP	ts
SHB F 80 220 HCP	14 mm	220 mm	170 mm	14 mm	220 mm	170 mm	30 mm	218 mm	12 mm	15 mm

Certification