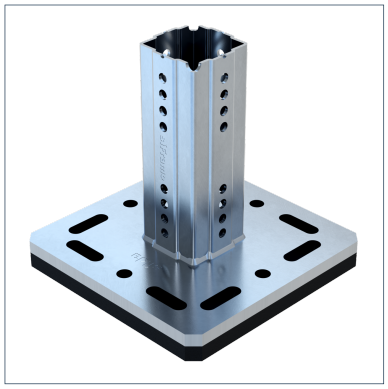
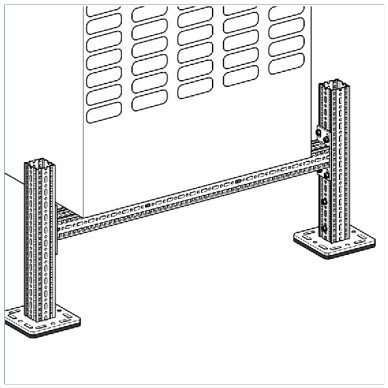
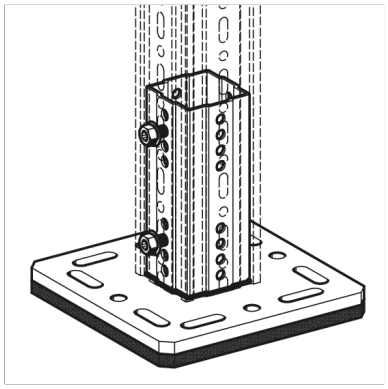
# Insulated Foot Plate SHB F 80 HCP







## 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