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General Product Information

# WALL SLEEVES

## STANDARD WALL SLEEVES/WALL SLEEVES WITH FLANGES

### **MATERIALS USED:**

#### **Wall sleeves made from plastic (to DIN 8061/8062)**

Material: unplasticised PVC-U (polyvinyl chloride)

- manufactured from high-grade plastic
- high ring stiffness
- high load capacity
- high chemical resistance
- water barrier made from EPDM (ethylene propylene diene monomer rubber)
- flange for patching made of ABS (acrylnitril-butadien-styrol)

#### **Cement-coated wall sleeves**

Material: unplasticised PVC-U (polyvinyl chloride)

- manufactured from high-grade plastic
- high ring stiffness
- high load capacity
- water barrier made from cement-bonded special coating

#### **HRD wall sleeves / HRD flanges**

Material: stainless steel V2A (AISI 304L) or stainless steel V4A (AISI 316L)

- high-grade stainless steel, resistant to acid and rust

#### **HRD wall sleeves with fixed/loose flange**

Material: stainless steel V2A (AISI 304L) stainless steel V4A (AISI 316L),

or galvanised steel

- high-grade stainless steel, resistant to acid and rust
- galvanised
- for non-pressing and pressing water in accordance with DIN 18533

All information given without guarantee.

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# WALL SLEEVES

## WALL SLEEVES WITH FLANGES

### INFORMATION ON RUBBER SEALING SHEETS AND THICK COATINGS FOR FIXED AND LOOSE FLANGE CONSTRUCTIONS.

#### Rubber sealing sheets

As defined by standard DIN 18533, Part 2, single-layer, loose-fitted waterproof sheeting must be lined with durable sealing sheets on both sides. The sealing sheets can be manufactured either from the same material as the waterproof sheeting or from compatible elastomers. The tightness of fixed and loose flange constructions can only be ensured if the thickness and elasticity of the waterproof sheeting is large enough for it to press against the subsurface, creating a seal. Hauff rubber sealing sheets made from the compatible elastomer EPDM, are provided with the bolt holes to match the fixed flange and are therefore ready for installation. For installation, the sealing sheets can be attached into the flange construction on both sides of the waterproof sheeting and compressed to the sheeting. They must be installed in line with the national technical approval of the waterproof sheeting manufacturer [Germany]. (Appropriate rubber sealing sheets do not form part of the standard supply range). Prices for rubber sealing sheet and their accessories are available on request.

#### Thick coatings

For the penetration of thick coatings consisting of bitumen fillers with fixed / loose flange constructions as defined under DIN 18533, Part 3, a fabric insole is generally to be incorporated into the thick coating around the entry. This enables lasting protection from standing seepage water to be achieved. Information about fabric linings and how to install them correctly, e.g. in accordance with DIN 18533, can be requested from the manufacturer of the thick coatings or are indicated in the applicable national technical approval certificate [Germany]. Appropriate rubber sealing sheets and connection accessories are available on request.

Selection aid – suitable inlays for sealing of buildings	Accessory kit: Fixed/loose flange wall sleeve Z-(D) 2/3/6 mm EPDM/silicon	Accessory kit: Fixed/loose flange wall sleeve Z-(D) KMB fleece + 2 mm EPDM
DIN EN 13967 Plastic and elastomer sheets for waterproofing of buildings	✓	
DIN EN 13969 Bitumen sheets for waterproofing of buildings	✓	
DIN EN 14909 Plastic and elastomer damp proof courses	✓	
DIN EN 14967 Bitumen damp proof courses	✓	
KMB PCI- Pecimor 2K		✓
KMB Mapei Platimul 2K		✓

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