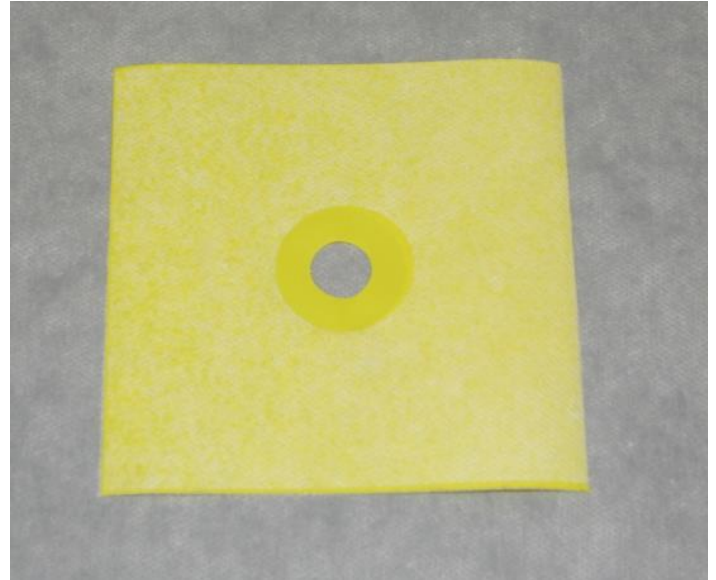


Description:

Aquastop es sealing sleeves comprise thin, expanding, coated polypropylene fleece wall sleeves for expansion zones, with expanding centres to facilitate application over pipes. Aquastop es sealing sleeves are used for sealing under ceramic covers, for interior use in damp and wet rooms (AIV-B). Aquastop es sealing sleeves will cover and seal substrates and joints in walls and floors to prevent damage by moisture and water. Aquastop es sealing sleeves are applied in the course of regular floor and wall sealing work.

Aquastop es sealing sleeves are a component of the Aquastop sealing system. This comprises:

- Aquastop sealing membrane
- Aquastop es sealing tape
- Aquastop es inside corners
- Aquastop es outside corners
- Aquastop es sealing sleeves 65 – 140 mm (floor)
- Aquastop es sealing sleeves 15 – 35 mm (pipe DUCTS)
- Aquastop es sealing sleeves 22 – 60 mm (pipe feed-throughs)
- C2 tile adhesive Sopro No. 1
- C2 tile adhesive CODEX Power CX3
- C2 tile adhesive PCI Flex Mortar S1
- MS polymer adhesive for overlaps Winflex TFS sealing adhesive
- MS polymer adhesive for overlaps Ottocoll M 500



Material properties:

Aquastop es sealing sleeves comprise a top and bottom polypropylene fleece with a polyurethane sealing layer.

Application:

Sealing of interior pipe feed-throughs together with Aquastop es sealing tape for flexible joint sealing in combination with tiles and flagstones – AIV-B, Stress Classes A and C, general building supervisory test certificate no. P-1201/389/18-MPA BS.

Stress class	Stress
A	Directly stressed wall and floor surfaces in areas subjected to frequent or extended servicing and cleaning with water, e.g. areas around swimming pools and showers (public and private).
C	Wall and floor surfaces in areas subjected to very frequent or ongoing service and cleaning water (test media see general building supervisory test certificate no. P-1201/389/18-MPA BS), e.g. in commercial kitchens and laundries. Excluding areas classified under systems subjected to water-hazardous substances in terms of § 62 WHG [Federal Water Act].

Technical data:

Colour	yellow other colours on request	
Overall dimensions	120 mm x 120 mm	
Expansion area diameter	approx. 35 mm	
Hole diameter	approx. 15 mm	
Overall thickness	0.60 mm	
Material weight	5.0 g / piece	
Thermal stability	- 5 °C to + 60 °C	
Bursting pressure	> 1.5 bar	internal
Watertightness	> 1.5 bar	DIN EN 1928 (method B)

Dimensions:

Type	Size	Diameter of elastic zone	Hole diameter	Suited for pipe diameters of	Material weight
15 / 35	120 mm x 120 mm	ca. 35 mm	ca. 15 mm	22 – 32 mm	5.0 g / part
21 / 60	160 mm x 160 mm	ca. 60 mm	ca. 22 mm	31 – 50 mm	6.6 g / part
65 / 140	250 mm x 250 mm	ca. 140 mm	ca. 65 mm	93 – 135 mm	24 g / part

Chemical stability:

Stability after 7 days storage at room temperature in the following chemicals (found by internal testing)

Hydrochloric acid 3%	+
Sulphuric acid 35%	+
Citric acid 100 g/l	+
Lactic acid 5%	+
Caustic potash 3% / 20%	+ / +
Sodium hypochlorite 0.3 g/l	+
Salt-water (20 g/l sea salt)	+
	+ = stable
	0 = weakened
	- = unstable

Application notes:

Substrate preparation:

The area for application of the sealing sheet must be dry or moist, firm, stable, warp resistant, free of dust, dirt or release agents.

Substrates must be pre-treated according to type, if necessary.

The substrate may deform only slightly after sealing. No cracks may exceed 0.2 mm after sealing.

Application: Sealing membranes, sealing tapes and system components must be cut to size and adjusted before application.

1. Sealing of edge or corner joints, transitions of floor / walls and corners of walls:

After preparing the substrate, the outside and inside corners and then the sealing tapes will first be full surface glued to the floor / wall transitions and into the corners of walls. The seals must be centred on transitions or in corners of walls. A 50 mm sealing tape / sealing tape or sealing tape / inside or outside corner overlap is required. Use MS polymer adhesives Winflex TFS sealing adhesive or Ottocoll M550 to glue overlaps (drying time will depend on the size and weight of further ceramic structures; normal tiling requires no specific drying time). Avoid air bubbles under system components. Wipe air bubbles to the outside using a smoothing trowel or slick-stone. Firmly press down the system components to achieve full surface adhesion. Spread excess adhesive along the bonding edge.

2. Sealing of surfaces:

To seal wall and then floor area surfaces, use a 4-tooth spatula to apply the C2 tile adhesive full surface, to manufacturer's instructions, including over the sealing tape edges.

The sheets are then glued full surface. Lay the sheets up to the edges in transitions and corners, with the sealing membrane overlapping the sealing tape by 50 mm. Lay individual sheets onto the surfaces to overlap by at least 50 mm. Firmly press down the sealing membrane for full surface adhesion. Press down with a smoothing trowel and smooth away air bubbles by wiping towards the edges.

Use MS polymer sealing adhesive to full surface glue and thus caulk all sealing membrane / sealing tape and sealing membrane / sealing membrane overlaps. Spread excess adhesive along the bonding edges. Normal tiling requires no specific drying time. Ensure that sealing compounds in the overlapping area are applied according to manufacturer's instructions and that the coating is correspondingly dry.

Allow at least 2 hours for drying when working with particularly heavy tiles.

3. Sealing of penetrations, pipes, drains and installation parts:

Use MS polymer sealing adhesive to seal penetrations and installation parts and the corresponding floor and wall sleeves, ensuring full surface bonding to substrates (sealing membrane) and penetrations / installation parts. Use only floor drains with adhesive, loose or fixed flanges. Apply sealing adhesive to appropriately large areas using a 3-tooth applicator, then lightly press down the relevant wall or floor sleeve and smoothen.

Spread excess adhesive along the bonding edges. Avoid enclosing air bubbles.

Notes:

When work is complete, check the entire sealed area for flaws or damage (e.g. perforations). Rework areas with punctures or uneven parts to ensure adequate tightness across the entire area.

Be careful when using new, sharp tools on sealing membranes, sealing tapes and system components. Such tools may damage sealing components and thus cause leakages!

Residual and waste material may be disposed of via residual waste / yellow drums or packaging waste.

Storage:

Shelf life will be twelve months under conditions of perfect storage, i.e. covered and in the original packaging and storage temperatures of 15 to 25 °C and 40 to 60 % humidity.

Attention! Important Note:

Above information are based on best present knowledge of current technology, but do not guarantee faultless processing of our products. The information is based on practical results of our tests, but is not binding and does not constitute warranties of characteristics in terms of Federal Supreme Court jurisdiction. Our information does not constitute a legally binding assurance of certain properties or suitability for a specific purpose. Supplementary information by our specialists are merely recommendations, for which no liability is accepted.

Due to the many possible applications of our products, we recommend subjecting the project to a thorough suitability test on original materials before release for further application.

Since our information are non-binding we do not warranty their correctness. For this reason we accept no liability for possible improper processing based on information submitted by our employees.

This technical data sheet replaces all previous versions and is valid until a new version is issued, or until Dec. 31, 2024. Please request the latest version after Jan. 01, 2025.

Dr. Hermann, Anwendungstechnik / Application Technology, Gingen / Fils