

Waterproofing

CORNER TISSUE 90°

Reinforcement tissue for closed corners.



- Simple application
- Water-resistant, waterproof and water vapour permeable
- Thin and resistant
- For flexible joint sealing in combination with tiles and slabs, suitable for Water exposure classes W0-W3



APPLICATION AREAS

Corner Tissue 90° for flexible corner sealing in combination with tiles and boards.

- For indoor and outdoor use for wall and floor coverings.
- For wet areas with non-pressing water, e.g. bathroom showers, in residential buildings, hotels, hospitals and retirement homes.
- For permanently wet areas with pressing water, e.g. swimming pools.
- For water exposure class W0-I, W1-I, W2-I, W3-I in accordance with DIN 18534; DIN 18531-5 (balconies, loggias etc.); DIN 18535 (swimming pools and tanks) with MPA Braunschweig test certificate
- Suitable as a sealing tape for waterproofing structures in contact with the ground, plinth waterproofing and cross-sectional waterproofing in and under walls in accordance with DIN 18533.
- For embedding in the Aquatech, Flex 2K or Flexistar surface sealants
- For forming corner joints and floor-wall connections with the sealing membrane Mat 1000 mm – 30 m or sealing decoupling membrane Bridge Mat.

TYPES OF SUBSTRATE

- Concrete
- Cement screed
- Anhydrite screed

- Mastic asphalt
- Gypsum plaster
- Lime-cement plaster
- Brickwork
- Plasterboard
- Smooth concrete
- Aerated concrete

The substrates to be treated must be clean, degreased and in good condition.

TYPE OF MATERIAL TO BE LAID

Corner Tissue 90° is a sealing corner in trilaminate, made of TPE-coated, transversely stretchable and longitudinally stable polypropylene fleece, thin and resilient with fleece on both sides of the elastomer for better adhesion. Once processed, they fulfil the requirements for building material class E in accordance with DIN EN 13501-1.

FEATURES

Prefabricated special inner corner made of TPE-coated, transversely stretchable and longitudinally stable polypropylene fleece.

INSTRUCTIONS FOR USE

A cementitious adhesive mortar C2 in accordance with EN 12004, type Tile 480 or Tile 250, is combed onto the load-bearing and professionally prepared substrate of the connection and expansion joints using a notched trowel (3 mm or 4 mm notches). Ensure that the adhesive mortar is applied approx. 10 mm wider than the PP tape. Place the Corner Tissue 90° and Corner Tissue 270° inner and outer corners, then place the PP Tape sealing tape in the centre of the joint in the fresh adhesive bed and press down using a smoothing trowel or a paint roller and smooth down so that no air pockets remain under the moulding. When using PP Tape sealing tape, ensure that a loop is formed at the wall/floor transition. Sealing tape joints must overlap by at least 5 cm. When applying the liquid sealing material, the sealing tape PP Tape must be completely covered in two layers with the corresponding layer thickness. Note on butt bonding on sealing strips Mat 1000 mm – 30 m or Bridge Mat 1000 mm – 50 m: The sealing tape PP Tape should be bonded with a sealing slurry, e.g. with Torggler Flex 2K, Flexistar or sealing film Aquatech. All suitable Torggler products for standard-compliant application are listed in the “Test certificates”.

TECHNICAL SPECIFICATIONS

Parameter	Value
Description	corner covered with non-woven polypropylene fabric on both sides
Material composition	Substrate: PP Coating : weather-resistant thermoplastic elastomer
Colour	grey
Total thickness	approx. 0,66 mm
Material weight	approx. 364 g/m ²
Temperature resistance: min./max	-30 °C / +90 °C
PHYSICAL PROPERTIES	
Burst pressure	2 bar
Longitudinal breaking load DIN 527-3	120 N / 15 mm
Lateral breaking load DIN 527-3	25 N / 15 mm
Longitudinal extension at break DIN 527-3	70 %

Lateral extension at break DIN 527-3	300 %
Resistance to water pressure (1,5 bar) DIN EN 1928	> 1,5 bar
Value SD DIN EN 1931	16 m
UV resistance DIN EN ISO 4892-2	< 500 h
CHEMICAL PROPERTIES: Resistance after 7 days immersion in the following chemical agents at room temperature	
3% Hydrochloric Acid	resistant
35% Sulphuric Acid	resistant
Citric acid 100 g/l	resistant
Lactic Acid 5%	resistant
3% / 20% Potassium Hydroxide	resistant
Sodium Hypochlorite 0,3 g/l	resistant
Salt water (20 g/l Sea salt water)	resistant
Packaging size	25 piece
Pallet	250 pieces

STORAGE

Corner Tissue 90° has no expiry date but should be stored in a cool, dry and sheltered place to preserve its integrity and performance characteristics. However, it is recommended to be used within 24 months of purchase.

CERTIFICATIONS

Corner Tissue 90° is certified as A+ by Eurofins and certified by GEV as EC1 Plus.

The information contained in this document is reported on the basis of our experience and knowledge; therefore, any recommendations and suggestions made are without any guarantee and must be verified before using the product by those who intend to use it, who assume all responsibility that may result from its use since the conditions of use are not under our direct control. In case of doubt, it is always advisable to make preliminary tests and/or ask for the intervention of our technicians. Torggler reserves the right to modify, replace and/or delete the items, as well as to change the product data in this document without prior notice; in this case the indications given here may no longer be valid. Always refer to the latest version of the data sheet, available at www.torggler.com. Version 28.05.2024.