



Technical Data Sheet

ChromoSeal WP Tape Object

A crosswise elastic, double-sided fleece-cladded special seal tape

Special coated non-woven: extension in cross direction and rigid lengthwise, thin.

Application

Joint sealing tape to be applied with tiles or natural stones for flexible waterproofing of expansion joints. Suitable for medium to high loads of non-pressurized water indoors (also if exposed additionally to chemicals) as well as medium to high loads of non-pressurized water or for water under constant positive pressure both for indoor and outdoor application (e.g. domestic bathrooms, industrial kitchen, shower rooms and swimming pools – both domestic and public and balconies and terraces not situated above useable rooms).



Technical Data

Colour

Grey (Other colours upon request)

Resistance to temperature: min. / max.

- 30 °C / + 90 °C

Fields of application

- ChromoSeal ST 50/ ST 25 Sealing Tape and components are designed for use in composite membranes in heavily used wet areas, meeting moisture loading classes A, B, and C as per WTBC 3.27.
- ChromoSeal products comply with EOTA ETAG 022 standards for waterproofing walls and floors in wet environments.
- They are ideal for high-traffic commercial wet spaces like sports hall showers, hospital therapy rooms, catering kitchens, car washes, and cold storage facilities.
- They can also be used in swimming pools and water basins, along with ceramic coverings, on balconies and terraces.

Physical Properties: (approx.)	DIN	Value	Tolerance
Total width	Intern	120 mm	+/- 3 mm
Thickness	Intern	0,66 mm	+/- 0,1 mm
Total weight	Intern	364 g / m ²	+/- 50 g / m ²
Length per roll	Intern	50 metres	+/- 0,0 m / + 0,5 m
Breaking load longitudinal	DIN EN ISO 527-3	120 N / 15 mm	≥ 85 N / 15 mm
Breaking load lateral	DIN EN ISO 527-3	25 N / 15 mm	≥ 15 N / 15 mm
Extension break longitudinal	DIN EN ISO 527-3	70 %	≥ 50 %
Extension break lateral	DIN EN ISO 527-3	300 %	≥ 200 %
Resistance to water pressure	DIN EN 1928 (Version B)	> 1,5 bar	
UV-Resistance	DIN EN ISO 4892-3	> 500 h	
Moisture vapour resistance air equivalent (sd)	DIN EN 1931	16 m	≥ 7 m
Burst pressure	Internal	2,0 bar	≥ 1,5 bar

Chemical Properties

Resistance after storage over 7 days by room temperature in following chemicals

+ = resistant
0 = weakened
- = non resistant

Hydrochloric acid 3 %	Internal	+
Sulphuric acid 35 %	Internal	+
Citric acid 100 g/l	Internal	+
Lactic acid 5 %	Internal	+
Sodium hypochlorite 0,3 g/l	Internal	+
Salt water (20 g/l Sea water salt)	Internal	+
Potassium hydroxide 3 % / 20 %	Internal	+ / +

Certified according to

Certified according to DIN EN ISO 9001: 2015 Made in Europe

Classification according to

EMICODE emission class EC 1 PLUS, VOC-regulation A +

Storage

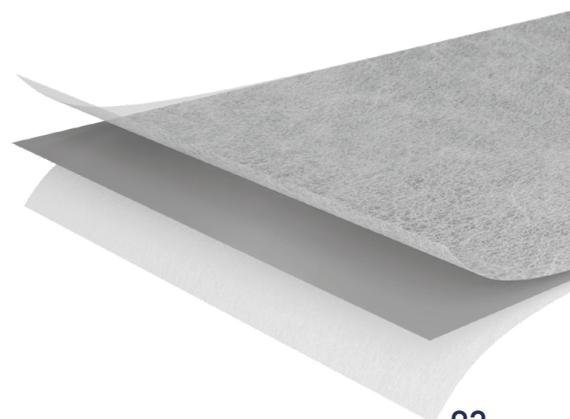
cool and dry, protect against sunlight, use within 24 months after receipt

Material composition

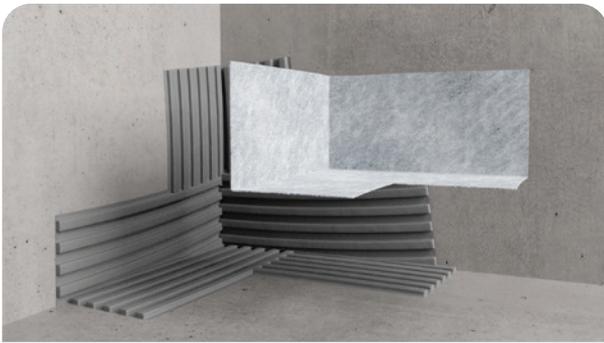
Top substrate: Polypropylene non-woven

Coating: Thermoplastic elastomere, resistant to ageing

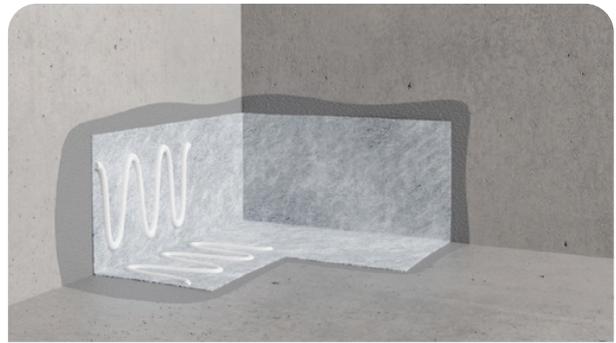
Bottom substrate: Polypropylene non-woven



Applications



Prepare tile adhesive according to manufacturer's instructions and apply evenly in the corner area. Place sealing corner, excessive adhesive is pushed out to the sides with a spatula and spread.



Cut the joint sealing tape to the appropriate wall size before processing. It is essential to plan an overlap of 50 mm to the sealing corner. For a safe overlap of the sealing corner and joint sealing tape apply a suitable liquid sealing adhesive.



Apply tile adhesive evenly in the wall / floor connection. Place the joint sealing tape and push it into the correct position with a spatula. Push out excessive adhesives on the sides and spread it, done.



The remaining tapes are processed according to this scheme. Afterwards you can continue with the surface sealing.

System Components



ChromoSeal Corner Tape 90° I

Inside Corner



ChromoSeal Corner Tape 90° A

Outside Corner



Floor Collar



Wall Collar

Quality Assurance and Responsibility

Chromo Building Solutions products adhere to rigorous standards certified by an independently verified management system, ensuring compliance with our quality, environmental, and occupational health and safety standards, as outlined in Chromo Building Solutions ESHQ recommendations.

Properties listed are based on laboratory controlled tests.

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