Technical Datasheet

JOINT SEALING TAPE AR

Sealing tape

Description

Special coated 3-ply tape; high extension in cross direction and rigid lengthwise, thin, resistant to aging.

Fields of 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, situated above useable rooms).

Technical data

Properties	Method	Value	Tolerance
Total width		120 mm	± 3 mm
Total thickness		0.66 mm	± 0.1 mm
Material weight		364 g/m²	± 75 g/m²
Length per roll		10 / 50 m	
Breaking load longitudinal	DIN EN ISO 527-3	120N/15mm	≥ 85 N/15mm
Breaking load lateral	DIN EN ISO 527-3	25 N/15mm	≥ 15 N/15mm
Extension break longitudinal	DIN EN ISO 527-3	70%	≥ 50%
Extension break lateral	DIN EN ISO 527-3	300%	≥ 200%
Burst pressure max		2 bar	≥ 1.5 bar
Moisture vapor resistance Sd	DIN EN 1931	16 m	≥ 7 m
Resistance to water pressure	DIN EN 1928		≥ 1.5 bar
UV-resistance min.	DIN EN ISO 4892-2		≥ 500 h
Temperature resistance, min. / max.			-30°C / +90°C

Directions for use

1. Substrate
Substrate must be stable, clean and suitable for tiling.

2. Application
JOINT SEALING TAPE AR is adhered by using the waterproofing products ISOMAT SL-17, AQUAMAT-FLEX, AQUAMAT-ELASTIC, or AQUAMAT-SUPERELASTIC.
Apply the waterproofing slurry on the joint and while is still fresh place JOINT SEALING TAPE AR. Then, apply one more coat of the waterproofing slurry to cover JOINT SEALING TAPE AR.
After the waterproofing slurry has hardened, tiles are fixed using high-performance adhesives such as ISOMAT AK-20, ISOMAT AK-22, ISOMAT AK-25, or ISOMAT AK-ELASTIC.

Packaging

Rolls of 12 cm x 50 m and 12 cm x 10 m.

Shelf life – Storage

Stored in original, unopened packaging, in places protected from moisture and frost.

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