

weber swell tape

Sealing tape swells upon contact with water

Technical Data Sheet

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Description

Thermoplastic elastomer based sealing tape swells upon contact with water.

Advantages

- Easy and practical usage
- Long-lasting resistance to continuous expansion/shrinkage cycles

Application areas

Used on concrete joints, foundation and cellar wall joints; crossings of pipes and steel elements on walls and floor coverings; construction joints on precast concrete.

Preparation of substrates

- Make sure the application substrate is clean; free from dust, dirt, mould oil, paint, cement residues and similar materials which may prevent adherence.
- Application substrates should be dry or slightly damp; do not apply the product on wet or frozen substrates.
- Damaged substrates should be repaired and levelled using **weber.rep** structural repair mortars before the application.

Application conditions

- Ambient temperature between +5°C and +35°C.

Application

- Place **weber swell tape** in the middle of the mould and ensure that the tape is stuck or fixed well on the substrate and will not move while pouring concrete.
- On joints, **weber swell tape** should be applied with a minimum of 5 cm overlapping.
- **weber swell tape** should be mechanically fixed around profiles or small pipes.

Points of attention

- Make sure **weber swell tape** is fixed well on the substrate before pouring concrete. In bonding method application, wait 8 hours on average or use 5 anchors per meter to ensure fixing on the substrate.

Technical specifications

PRODUCT	weber swell tape
Total width	5x20 mm
Total thickness	1.25 g/cm ³
Swelling coefficient	%50 (2 hours later) %150 (24 hours later) %700 (8 days later)
Water impermeability	2 bar (1 mm joint width)
Dilatation pressure	>1,05 N/mm ²
Resistance to fire	Class E (DIN EN 13501-1)
Toxic materials	None

Storage

Packaging	40 m roll (dimensions: 5x20 mm)
Shelf life	2 years from date of manufacture.

Safety precautions

- Use appropriate safety equipment (mask, gloves, glasses).
- Protect your eyes/face.
- Avoid direct contact with eyes and skin.
- In case of contact with eyes, rinse immediately with plenty of clean water and seek medical attention.
- Please read Safety Data Sheet (SDS) for further safety information.

LEGAL DISCLAIMER

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The stated times apply for 20°C substrate and ambient temperature; increase at lower temperatures and decrease at higher temperatures.

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