

weber superflex A 200/300

100% TPE based dilatation insulation tape

Technical Data Sheet

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■ Description

100% thermoplastic elastomer based, high performance waterproofing tape, specially for use on exterior movable joints subject to strong forces, wall and floor corners.

■ Advantages

- High resistance to chemicals
- Resistance to high pressure
- Resistance to sea water
- Suitable for use in food storage areas and water tanks

■ Application areas

Used as waterproofing tape resistant to UV, weather conditions, salty solutions and diluted acid alkali solutions especially on exteriors, concrete and masonry foundation walls subject to high stress, dilatation joints on concrete, bridges on wall-floor crossings to ensure waterproofing.

■ Preparation of substrates

- The substrate should be clean, sound and free from adhesion diminishing residues.

■ Application

- **weber EP bond** epoxy repair mortar should be used for fixing weber superflex waterproofing tapes.
- First, apply **weber EP bond** on the edges of dilatation joints.
- Waterproofing tape should be adhered on **weber EP bond** applied substrate.
- Tapes should be overlapped 10 cm while adding each other, heated using low-heat air gun for adherence. Make sure no air bubbles left below the joint.
- Also, overlapping faces should be roughened using sandpaper.
- **weber EP bond** should be applied on both sides of waterproofing tapes on extension points, ensuring that tension areas are not covered.
- Waterproofing material should be applied when **weber EP bond** gets fully cured.

■ Points of attention

- Do not use on substrates which might contact chemicals which are not mentioned in the chemical resistance table.
- If two waterproofing tapes need to be combined, hot air source should be at least 2300 watt. The tape substrate should be melted with low heat without giving damage to waterproofing property and thickness of the product.
- Unnecessary joints should be prevented while waterproofing of vertical and horizontal structural corners by carrying on waterproofing tapes from ground slab over the cellar wall surface.

■ Technical specifications

PRODUCT	weber superflex A 200/300
Total width	weber superflex A 200: 20 cm weber superflex A 300: 30 cm
Total thickness	1 mm
Material weight	950 g/m ²
Heat resistance	Between -30°C and +90°C
Hardness (Shore A)	94
Tensile strength	≥12 N/mm ²
Horizontal elongation	392% (DIN EN ISO 527-3)
Vertical elongation	992% (DIN EN ISO 527-3)
Resistance to water pressure	4 bar
CHEMICAL RESISTANCE	
Hydrochloric acid	3%
Sulphuric acid	35%
Lemon acid	100 g/l
Lactic acid	5%
Potassium hydroxide	3% - 20%
Sodium hypochloride	0,3 g/l
Salty water	20 g/l sea water salt

■ Storage

Packaging	20 m roll
Shelf life	2 years from date of manufacture when stored in a dry, cool environment away from UV effect.

■ 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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