

TAPECONCURRENT

TAPE OP MAAT

Technical Datasheet

6394

Pre-compressed Joint Sealing Tape BG 2

DESCRIPTION

6394 is a self-adhesive pre-compressed joint sealing tape based on polyurethane foam, saturated with an acrylic impregnation.

PROPERTIES

The tape corresponds to DIN 18542:2009 / Stress Group2.

The product exceeds the requirements of driving rain tightness and air-tightness of EN 12207, class 3 (former designation DIN 18055, group C).

APPLICATION

The product is appropriate for the sealing of joints at windows and doors, in particular in connection with profiles and heat insulating systems.

PRODUCT PROPERTIES (not for specification purposes)

Carrier	PUR foam with an acrylic impregnation
Adhesive	acrylic dispersion
Colour	grey
Stress group (DIN 18542:2009)	BG2
Tensile strength (DIN EN ISO 1798)	> 90kPa
Elongation at break (DIN EN ISO 1798)	> 200%
Compressive strength at 40% deformation (DIN EN ISO 3386)	3.0 kPa ± 15%
Temperature resistance	-30°C to +100°C / +130°C at short term
Joint permeability (DIN EN 12114)	$a \leq 1 \text{ m}^3 / \text{h} \cdot \text{m} \cdot (\text{daPa})^{2/3}$
Driving rain tightness (DIN EN 1027)	≥ 300 Pa values up to 600 Pa are attainable, depending on compression and joint width
Weather resistance outdoor weathering	> 15 years
Compatibility with conventional building materials and resistance to alkaline substances (DIN 18 542:2009)	passed
Water vapour diffusion (DIN EN ISO 12 572)	$S_d < 0,5\text{m}$
Thermal conductivity (DIN 52 612)	$\lambda = 0,0396 \text{ W/mK}$



SAFETY INSTRUCTIONS

The product is not classified as dangerous according to EU guidelines. However, we recommend to treat the product with the usual care and hygienic precaution usually applied when handling chemical substances.

PROCESSING

Please follow instruction manual which is enclosed in the packaging.

ENVIRONMENT

6394 has very low emissions.

STORAGE AND SHELF LIFE

Unprocessed in the original cardboard box 24 month starting from production date at room temperature and a relative atmospheric humidity of 60 %.

Special information

All data and technical information presented are based on laboratory tests or have been compiled from supplier information to the best of our knowledge. A guarantee that the values are complete and correct can however not be given. You are kindly requested to conduct your own tests to determine the suitability of our product for your applications. Our General Conditions answer any questions on guarantees and liabilities for these products insofar as no other legal regulations apply.

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