

DATA SHEET

602 POLYURETHANE JOINT SEALER

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V1-22/11/2013

DESCRIPTION

- 602 is a single component polyurethane elastomer for bonding and joint sealing.

CHEMICAL RESISTANCE

- Resistant to most dilute acids and alkalis, petroleum products, water and sea water. Sensitivity to sunlight will make light shades change colour, this does not affect the mechanical properties.

RECOMMENDED AREAS FOR USE

Bonding and joint sealing in the building industry on most surfaces;

- Expansion joints.
- Parking decks.
- Frontage panels.
- Tile adhesion.
- Interior decorating.
- Skirting and baseboards.

SURFACE PREPARATION

- All surfaces must be clean, dry and mechanically sound, free of oil, dirt and dust. Concrete and cement screeds should be dry and at least 28 days old and must be abraded or acid etched to remove surface laitance. Always test for adhesion on untried surfaces.

PRIMING

- If necessary apply 100 Polyurethane Primer @ 8m²/litre

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MAKING THE JOINT

- Apply the PU mastic by cord or by studs Heavy materials must be supported for at least 15 hours while the material polymerises.

CLEANING EQUIPMENT

- Clean all equipment immediately after use with Water Soluble Brush Cleaner.

SAFETY PRECAUTIONS

- Contains isocyanates, avoid skin contact. Refer to the 16 point Material Safety Data Sheet

STORAGE AND HANDLING

- Keep in a cool dry place. Shelf life is 9 months from date of manufacture in original sealed packaging.

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TECHNICAL DATA

CHARACTERISTICS

SKIN FORMATION TIME (23°C,50%RH)	1 hour
POLYMERISATION AFTER 24HRS (23°C,%0%RH)	3mm
APPLICATION TEMPERATURE	5 to 40°C

CHARACTERISTICS AFTER FULL CURE

SHORE A HARDNESS. (DIN 53505)	40
MODULUS OF ELASTICITY @100%. (ISO 8339)	0,40Mpa
MODULUS AT BREAK. (ISO 8339)	0,60Mpa
ELONGATION @ BREAK. (ISO 8339)	250%
ELASTIC RECOVERY. (ISO 7389)	>70%
SERVICE TEMPERATURE LIMITS	-20 °C to 80 °C

The technical data furnished is obtained from controlled laboratory tests under ideal application conditions. No guarantee of any performance characteristic is therefore given or implied and we do not hold ourselves responsible for any consequential damage of whatsoever nature that may arise from use of our products. In the event of a proven fault our liability will be limited to the replacement of the product only. It is the users' responsibility to confirm the currency of product data sheets.