



8.01 FAST URASEAL

High Performance 1 Part Polyurethane Sealant

USES

FAST Uraseal is formulated for sealing joints where high performance is required. Suitable for expansion and construction joints in concrete both in situ and pre cast, for sealing window and door perimeters and marble, granite and GRC facades. FAST Uraseal is suitable for use in potable water.

ADVANTAGES

- Excellent weathering properties
- Will tolerate 50% total joint movement
- Paintable
- Highly durable
- High acoustic performance
- Non staining

PROPERTIES

Colors: Grey and white
Density Approx. 1.2 kg/liter
Base 1 part polyurethane. Curing via humidity
Joint Movement $\pm 25\%$ original joint width
Temperature range $-40^{\circ}\text{C} - +80^{\circ}\text{C}$
Tensile strength 0.2-0.3 N/MM² as per DIN52455 A2
Curing rate 2 mm/24 hours per DIN 50014, 23/50-2

APPLICATION INSTRUCTIONS

Preparation: Clean all joints of grease, oil, dust and other contaminants make sure any old sealant residue is completely removed. Substrate should be ground, or grit blasted to provide a sound, clean, dry surface for sealant application. Blow off any loose particles or dust. Non porous and plastic surfaces should be solvent cleaned. Ensure joint dimensional configuration allows for correct sealant width to depth ratio. Sealant thickness must not exceed sealant width. Depth of sealant can be

controlled by the installation of a closed cell

polyethylene backing rod. This rod will also act as a bond breaker between the sealant and the bottom of the joint allowing for optimum movement of the sealant.

Priming: Some surfaces such as masonry, steel and commonly used building materials may require priming using FAST Uraseal Primer. Ensure surfaces are thoroughly dry before applying the primer. The need for priming can be determined by doing an adhesion test to the substrate prior to application. All joints subject to immersion should be primed using FAST URASEAL PRIMER. Apply primer a minimum of 30 min and a maximum of 6 hours prior to application of FAST URASEAL

Method: Apply direct from the cartridge after cutting nozzle to require bead size. Place the nozzle in the bottom of the joint and apply continuous positive pressure to the caulking gun, to ensure the joint is properly filled and sealed. Tool the sealant with sufficient pressure to ensure positive contact with the backup material and with the sides of the joint. Use a tool with a convex profile. Avoid using solvent detergents when tooling.

PRECAUTIONS

Do not use FAST Uraseal on surfaces with protective coatings without prior consultation with the FastChem TECHNICAL DEPARTMENT. These include Teflon coatings, polyurethane mirrors or reflective glass. Do not use FAST Uraseal in areas of high humidity or free water during application or initial cure. Allow at least 14 days curing before subjecting to a head of water. Do not use FAST Uraseal in applications subject to excessive chlorination such as swimming pools. Do not use if application temperature is less than 5°C or more than 35°C .



FastChem Technologies

The Fast Chemistry for Construction

STORAGE

12 months when stored in a cool dry place in original packaging.

PACKAGING

300 ml Cartridges
600 ml Sausages

HEALTH AND SAFETY

Avoid contact with skin and eyes. Contact lens wearers should ensure no residue material comes in contact with lenses as this could result in severe eye irritation. If swallowed, contact a Doctor or Poisons Information Centre. If skin contact occurs, wash skin thoroughly.

NOTE

Material safety data sheets for these and all FastChem products are available on request. Read the MSDS and Product label carefully before using. All reasonable care is taken in the compilation of this data sheet. All recommendations regarding use are made without guarantee as the conditions of use are beyond the control of the manufacturer.

WARRANTY

This product is warranted to be free of defects in material and workmanship, and conform to FastChem Construction Chemicals ("FastChem") quality control standards. All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty or guaranty of any kind, expressed or implied including but not limited to, an implied warranty of merchantability or an implied warranty of fitness for a particular purpose. Satisfactory results depend upon many factors beyond FastChem's control. User shall rely on his or her own information and tests to determine suitability of the product for the intended use and user assumes all risk, loss, damage, expense and liability resulting from his or her direct use, indirect use or consequential to their use of the product. FastChem shall not be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use or inability to use the product. FastChem's sole responsibility shall be to replace that portion of the product which proves to be defective. Any warranty claim must be made within six (6) months from the date of the claimed breach. This limited warranty applies only if the product was properly installed and used according to all instructions and was properly stored prior to use.

FastChem Technologies (Pvt) Ltd. Pakistan

Head Office Lahore:

20-A. Commercial Area Pak Arab Housing
Society Lahore.

Tel: 92(42)35803536 Mob: +92-322-4321261



المكتب للشرق الاوسط

٤٠٤، سوق، البحر، برج الخليفة،

دبي، متحده عرب الامارت،

رقم البريد: ٤٨٧١٧٧

Website: www.fastchemtechnologies.com, Email: info@fastchemtechnologies.com