



8.01 XPERT URASEAL

High Performance 1 Part Polyurethane Sealant

PRODUCT DESCRIPTION

XPERT 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. XPERT 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

CATEGORY	PARAMETERS
Colors	Grey and white
Density Approx.	2 kg/liter
Base 1 part polyurethane	Curing via humidity
Joint Movement	± 25% original joint width
Temperature range	-40° C - +80° C
Tensile strength	0.2-0.3 N/MM ² as per DIN52455 A2
Curing rate	2 mm/24 hours per DIN50014, 23/50-2

PRECAUTIONS

Do not use XPERT URASEAL on surfaces with protective coatings without prior consultation with the XPERT Technical Department. These include Teflon coatings, polyurethane mirrors or reflective glass. Do not use XPERT 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 XPERT 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.

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 XPERT 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 XPERT URASEAL PRIMER. Apply primer a minimum of 30 min and a maximum of 6 hours prior to application of XPERT 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.

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.