

DUROTECH DUROSIL DS200

Neutral Cure Anti-Fungal Silicone Adhesive / Sealant



DESCRIPTION

Durotech Durosil DS200 Sealant is a one part, 100% oxime, neutral curing adhesive/sealant containing anti-fungicide to prevent mould growth. It resists mildew when exposed to prolonged hot and humid environments and is suitable for sealing in kitchens, vanities, bathrooms, shower screens and any other wet area applications.

ADVANTAGES

- Non Slump
- Mildew Resistant
- One Part Ready To Use
- Outstanding Weatherability
- Excellent Adhesion
- Excellent Uv Resistance
- 5 Star Voc Compliant

APPLICATIONS

Durotech Durosil DS200 has excellent adhesion to glass, ceramics, aluminium, masonry, stone, concrete, most metals and many plastics. It may be used for general glazing and weatherproofing applications including wet areas and humid environments.

Specifications

Typical data values should not be used as specifications. Please contact Durotech for further information. A thin bead of sealant will tolerate more movement than a thick bead. Joint width and depth should be no less than 4 mm. Maximum joint widths should not exceed 25mm. Joint depths should be half the width, with a maximum depth of 10mm. Polyethylene closed cell foam rod is the recommend backing material to provide the correct depth of joint. If the joint is too shallow, use a polyethylene tape bond breaker. Do not allow the silicone sealant to contact the back of the joint or any staining materials.

TECHNICAL SPECIFICATION

PROPERTY	VALUE
Cure Method	Neutral (Oxime)
Colours	Translucent, White, Ivory
Sag/Slump	NON SLUMP (0.1% max)
Hardness (ASTM D2240)	28 Shore A
Tensile Strength	1.7 Mpa
Dynamic Joint Movement	±25%
Skin Time @25°C/50% Rh	5-10 min
Cure Time 10Mm @25°C/50% Rh	5-7 Days
Operating Temperature	-62°C to 180°C
Specific Gravity	1.03

APPLICATION

Cut nozzle at 45 Degree angle to desired bead width, and apply to substrate with sealant gun and tool within 5-10 minutes. Uncured sealant can be cleaned up with mineral turpentine. Some surfaces may need a primer. If so, allow primer to dry before applying sealant. Use approve backing material for joints over 10mm deep. For a neat appearance to the joint, use masking tape. Always remove masking tape before sealant has skinned over.



SURFACE PREPARATION

Surfaces must be clean, dry and free of dirt, grease, oil, rust and water. Use white spirits or mechanical cleaning with a lint free cloth. Do not use soap or detergent. For plastics, contact Sealants Australasia for a recommended cleaning solvent. When used on remedial work all existing sealant must be removed prior to application of new material.

PACKAGING

300gm Cartridges - Available in cartons of 20.
Product Packed in Australia.

STORAGE

The shelf life of Durotech Durosil Ds200 Sealant is 12 months if stored in a cool dry place. The storage temperature should not exceed 25°C as this will

HEALTH AND SAFETY

This product emits Methyl Ethyl Ketoxime (MEKO) whilst curing which is hazardous. Use in well ventilated area and avoid breathing in vapour. Avoid contact with skin, eyes and mouth. If in eyes, immediately flush with water for 15 minutes. If irritation persists seek medical attention. Remove contact lenses before using sealant. Do not handle lenses until all sealant has been removed from fingertips and nails. Residual sealant may remain on fingers for several days and transfer to lenses and cause eye irritation. Avoid contact with skin and clothing. MSDS available on request. **KEEP OUT OF REACH OF CHILDREN.**

LIMITATIONS

Durosil DS200 is not recommended for use on submerged joints where porous substrates permit water to the bond interface. Not for certain rubber products where bleeding of plasticiser may occur, or horizontal walkways where sealant will be subject to abrasion. Cannot be painted, as paint will not adhere to sealant. Not recommended for use on polycarbonate plastic. Suitability for use on other types of plastic including extruded gutter profiles should be tested prior to application.

Sealant Volume Calculator

Number of 300gm Cartridges =
Joint Width (mm) x Joint depth (mm) x
Joint length (m) x 1.15* ÷ 292

* Please note: 1.15 Allows for 15% wastage. Joints are assumed rectangular

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