PRODUCT DATA SHEET

# DUROGLAZE™ PRO

## 100% NEUTRAL CURE SILICONE SEALANT

DUROTECH
Commercial Waterproofing & Sealants

## DESCRIPTION

DUROGLAZE™ PRO is a high performance neutral cure silicone sealant which cures to form a tough and flexible waterproof seal. Formulated for a wide range of glazing, weatherproofing and specialist trade applications.

## FEATURES

- Neutral cure
- Highly flexible 3 25%
- Excellent weathering
- Long term durability
- Superior adhesion
- Exceptional adhesion
- Non-slumping
- UV Stable

## USE AREA

- General purpose glazing
- Curtain walls
- Construction joints
- Building claddings
- Perimeter sealing of door and window frames

## PROVIDES EXCELLENT ADHESION TO

- Glass
- Aluminium
- Steel
- Concrete
- Stainless steel
- Ceramic tiles
- Painted and powder coated surfaces
- Natural and reconstituted stone
- Most plastics

## TECHNICAL INFORMATION

| | |
|---|---|
| **Elongation** | 400% |
| **Hardness (Shore A)** | 30 |
| **Joint Movement** | 3 25% |
| **Tensile Strength KHF/CM2 (MPA)** | 20 (2.0) |
| **Cure Method** | Neutral |
| **Skin Time @ 20°C & 50% RH** | 8 - 10 min |

## PACKAGING

300ml Cartridges - Available in cartons of 20.

## COLOURS

- Matte Black
- Translucent

## SUBSTRATE PREPARATION

All surfaces must be clean, dry, sound and free from dust, oil, rust, old sealant or any other contamination. Glass and metal should be cleaned with methylated spirits. Solvent should be wiped from the surface with a clean dry cloth.

## JOINT DESIGN

Open cell polyethylene backing rod shall be used to control the depth of the joint sealant application to the recommended thickness. Correct joint design is necessary to ensure sealants do not split or tear. The size of the closed cell backing rod used shall allow for 25% compression when inserted into the joint.

AUSTRALIAN MADE SINCE 1977

SINCE 1977
Trialled • Tested • Approved

## JOINT WIDTH

6mm to 10mm
10mm to 20mm
20mm to 25mm

## JOINT DEPTH

Equal to joint width
10mm
Half of joint width

## COVERAGE

Meters per 300ml cartridge (approx.)

| Joint Depth | Joint Width (mm) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 6 | 8 | 10 | 12 | 15 | 20 | 25 |
| | 6mm | 8.3 | 6.3 | 5 | 4.1 | 3.3 | 2.5 | 2 |
| | 8mm | - | 4.6 | 3.7 | 3.1 | 2.5 | 1.8 | 1.5 |
| | 10mm | - | - | 3 | 2.5 | 2 | 1.5 | 1.2 |
| | 12mm | - | - | - | 2.1 | 1.6 | 1.2 | 1 |

## APPLICATION

DUROGLAZE™ PRO should be installed using conventional caulking tools, materials and methods.
1. Cut tip off cartridge.
2. Cut nozzle to the desired bead size at 45° angle.
3. Apply sealant into joint ensuring wetting of both sides.
4. Dry tool sealant immediately to a smooth finish.
5. Remove excess sealant immediately with cloth and solvent (eg. mineral turpentine).

## SHELF LIFE

12 months minimum, when stored in cool dry conditions below 28°C.

## PRECAUTION

Keep out of reach of children. This product emits Methyl Ethyl Ketoxime (MEKO) whilst curing. Wear suitable protective clothing, gloves and eye/faceprotection. Uncured sealant may cause skin, eye and respiratory system irritation. Use only in well ventilated areas. In case of contact with eyes, rinse immediately with plenty of water and contact a Doctor or Poisons Information Centre (Ph 13 11 26). In case of skin contact, wash affected area with hand cleaner followed by soap and water. Material Safety Data Sheets must be read and understood prior to using.

## LIMITATIONS

- Not to be used as a structural glazing sealant
- Not paintable.Not suitable for certain rubber products where bleeding of plasticiser may occur
- Not to be used for aquariums
- Not to be used for polycarbonate plastic sheeting
- Not to be used for joints subjected to permanent water immersion
- Not to be applied on any substrate containing bitumen
- Do not use as a trafficable sealant

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