

# DUROSIL DS100

100% Neutral Cure Anti-Fungal Silicone Sealant



## DESCRIPTION

Durosil DS100 is a high quality 100% neutral oxime curing silicone adhesive/sealant, containing anti fungicide to prevent mould growth in hot and humid areas. It is ideal for sealing in bathrooms, kitchens, hotel wash basins, and shower screens etc. It reacts with atmospheric moisture to produce a form in place silicone rubber seal. Weathering and UV resistance is excellent.

## ADVANTAGES

Durosil DS100 has excellent adhesion to most common building materials including :  
glass, aluminum, galvanised steel, concrete, wood, ceramic tiles, baths, vanities, cement sheet etc.

- 5-8 minute skin time
- Low Slump
- Movement capability + 25%
- Superior Adhesion
- Will not corrode metals

## APPLICATIONS

Durosil DS100 is ideal in applications such as :  
General purpose glazing and weather sealing BS 5889 building approved.  
Sealing around baths, vanities, kitchens, and shower screens Any area subject to hot and humid, and wet conditions.

## LIMITATIONS

- On submerged joints where porous substrates permit water to the bond interface.
- In aquarium construction and structural glazing.
- For certain rubber products where bleeding of plasticiser may occur, check with us if unsure.

## TECHNICAL SPECIFICATION

PROPERTY	VALUE	STANDARDS
<b>Curing Method:</b>	Neutral (Oxime) 100%	
<b>SAG/Slump @23°C:</b>	No Slump (0.1% max)	JIS A 1439
<b>Hardness:</b>	28 Shore A	ASTM D2240
<b>Dynamic Joint Movement</b>	+/- 25%	
<b>Elongation:</b>	400 %	JIS K 6249
<b>Skin Time @ 23°C &amp; 50% RH:</b>	4-8 mins	JIS A 1439
<b>Cure Time (10mm) @ 25°C &amp; 50% RH:</b>	5-7 days	
<b>Application Temperature Range:</b>	-60 to 170°C	
<b>Specific Gravity:</b>	1.02 - 1.04	
<b>Tensile Strength Mpa:</b>	2.0	JIS K 6249

- Data quoted are typical and not to be used as specifications
- Cured 21 days @ 23°C and 50% RH



## SURFACE PREPARATION

All surfaces must be clean, dry, sound, and free from dust, oil, rust, or any other contamination.

Metals should be cleaned with a non-oily solvent soaked clean cloth. Solvent should be wiped from the surface with a clean dry cloth. Use an alcohol such as methylated spirits on glass. When used on remedial work all existing sealant must be removed.

## APPLICATION INSTRUCTIONS

Cut nozzle at a sharp angle slightly wider than the desired bead. Extrude sealant with a gun and tool with a round spatula within 10 minutes to spread the sealant against the joint surfaces.

## PACKAGING

Durosil DS100 is available in 300g Cartridges.

## Colors

- |                                      |                                     |
|--------------------------------------|-------------------------------------|
| <input type="checkbox"/> Translucent | <input type="checkbox"/> Dark Cocoa |
| <input type="checkbox"/> White       | <input type="checkbox"/> Misty Grey |
| <input type="checkbox"/> Off White   | <input type="checkbox"/> Tile Grey  |
| <input type="checkbox"/> Dune Berry  | <input type="checkbox"/> Smoke Grey |
| <input type="checkbox"/> Sand        | <input type="checkbox"/> Steel Grey |
| <input type="checkbox"/> Pebble      | <input type="checkbox"/> Slate Grey |
| <input type="checkbox"/> Latte       | <input type="checkbox"/> Bluestone  |
| <input type="checkbox"/> Taupe       | <input type="checkbox"/> Onyx Grey  |
| <input type="checkbox"/> Honey Oak   | <input type="checkbox"/> Black      |
| <input type="checkbox"/> Coffee      |                                     |

## STORAGE

12 months from date of manufacture if stored below 28°C

## STORAGE

This product emits Methyl Ethyl Ketoxime whilst curing, which is hazardous. Use in well-ventilated areas and avoid breathing vapours.

Contact with uncured product will irritate eyes.

In case of eye contact immediately flush with Water for 15 minutes and seek medical advice.

Avoid contact with skin or clothing.

Keep out of reach of children

### VICTORIA

34 Indian Drive Keysborough  
Victoria 3173  
Tel: 1300 434 272  
sales@durotechindustries.com.au  
www.durotechindustries.com.au

### NEW SOUTH WALES

14 Essex st, Minto, Sydney  
NSW 2566  
Tel: 1300 434 272  
sales@durotechindustries.com.au  
www.durotechindustries.com.au

### QUEENSLAND

1/16 Export Drive, MOLENDINAR  
QLD 4214  
Tel: 1300 434 272  
sales@durotechindustries.com.au  
www.durotechindustries.com.au

### SOUTH AUSTRALIA

30C Richard Street  
Hindmarsh, SA, 5007  
Tel: 1300 434 272  
sales@durotechindustries.com.au  
www.durotechindustries.com.au

"This document, including any attached files, is strictly confidential and intended solely for the use of the individual or entity to which it is addressed. Durotech Industries prohibits the right to publish, copy, distribute or disclose any information contained in this document, or its attachments, by any party other than the intended recipient. If you have received this document in error please notify the sender and delete it from your system no employee or agent is authorised to conclude any binding agreement or make any representation on behalf of Durotech Industries. The views or opinions presented in this document are solely those of the author and do not necessarily represent those of Durotech Industries, except where the sender expressly, and with clear authority, states them to be the views of Durotech Industries. Durotech Industries accepts no liability for any loss or damage (direct or indirect or consequential) arising from the use of or in connection with this document and any attachments and suggests that the recipient check this document and any attached files for the presence of viruses."

