

DURO MASTIC™ NEUTRAL CURE SILICONE

Joint Sealant

Duro Mastic™ Neutral Cure Silicone sealant is a low modulus, single component, RTV Silicone. Once cured it will form a tough, flexible elastomeric seal. Its excellent weather-ability enables it to retain its original properties after years of exposure.

It is suitable for use as a bond breaker, as required by AS3740-2004.

PRINCIPLE CHARACTERISTICS

- Low modulus
- Excellent durability
- Single component
- Potable water approved
- Excellent aging and weathering
- Overcoat with water based membrane once tack free

USE AREAS

- As a waterproofing bond breaker in wall/floor joints
- As a waterproofing floor joint sealant
- General purpose construction sealant
- Granite, marble, glass, aluminum & zincalume
- Weather seals in curtain walls and water tanks
- Air seal in pre-cast concrete
- Sealing polycarbonate

APPLICATION

- Clean and dry all surfaces by removing all foreign matter, contaminants and any protective coatings. Dust and loose particles should be blown out of joints. Non porous surfaces may require priming. Cleaning solvents should not be allowed to evaporate without being wiped with a clean dry cloth.
- Bostik N49 Primer should be used in all immersed applications and is recommended for porous surfaces.
- Bostik N40 Primer is recommended for non-porous surfaces (metal, plastic).

FLOOR JOINTS

- Prime prior to the installation of the backing rod
- Always use backing rod for correct sealant geometry
- In floor joints use a sealant depth to width ratio of 1:1 for up to 12mm and 2:1 from 12mm to 50mm
- Tool sealant surface to achieve concave shape.

BOND BREAKER AT WALL/FLOOR JUNCTION

- Apply a bead of sealant into the corner joint and tool off to a concave fillet 8-10mm in width.

PRECAUTIONS

Will not cure in a confined space. Not suitable for fully immersed situations such as aquariums or swimming pools. Not suitable for glazing, mirrors or structural applications. Not suitable for below grade applications or horizontal walkways. Cannot be over painted. Do not apply below 5°C and above 35°C.

GENERAL

Appearance	White, non sag thixotropic mastic
Coverage	19 metre bead at 6mm dia.
Cure method	Moisture curing
Tack free time	3 hours @ 25°C
Full cure	7 days @ 25°C
Tensile strength	0.8 mPa
Elongation at break	600%
Storage	6 months @ 20°C

PACKAGING

- 600ml sausage

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The information provided in this technical bulletin is as correct in detail as possible and is intended to give a fair description of the product and its capabilities. In practice, the substrate and environmental conditions vary widely, making it essential for the user to determine the products suitability for a particular application and that the product is not used beyond its physical limitations. The product is guaranteed providing that it is applied in accordance with the manufacturer's instructions as stated in this data sheet and any relevant Standard or Code and provided that the building and installation is structurally sound. Durotech terms and conditions of sale apply.

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