



MULTI-MATE

High Modulus General Purpose Silicone

Technical Data Sheet



MATE SILICONE & SEALANT RANGE

CLASS
EN15651-1,3; F EXT-INT; S1

Description:

Multi-purpose, high modulus, acetoxy cure silicone sealant with fungicide, suitable for most sealing jobs around the home. Conforms to BS EN 15651-1,3:2012.

Features & Benefits:

- ◆ Contains fungicide.
- ◆ Mould resistant.
- ◆ Waterproof.
- ◆ For interior and exterior use.
- ◆ Permanently flexible.

Uses

Bond It MULTI-MATE is suitable for sealing and waterproofing in areas of high humidity. It has excellent adhesion to glass, glazed surfaces, ceramic tiles, aluminium, many plastics and most paints.

It is ideal for the following applications - kitchen work tops, bathrooms, showers, utility rooms and general DIY applications.

Limitations

Where bare ferrous metals, brass copper, lead or zinc cannot be primed, use Bond It ULTI-MATE Silicone Sealant. Do not use on surfaces where water can penetrate through porous materials to affect the bond, without first carrying out remedial work. Not suitable for fixing of mirrors or sealing natural marble. White and trans may yellow in colour over time if exposed to direct sunlight.

Preparation

Ensure all surfaces are clean, dry and free from grease or any contaminants that may hinder adhesion. For best results on movement joints, Bond It EXPANDING FOAM is recommended as a backing material, or a suitable backing tape or rod. All cements, concretes and bare metal surfaces should be primed prior to the application of the silicone. Timber should be primed and painted.

Application

Apply using a standard sealant gun with the nozzle cut at an angle of 45°, and to an opening slightly larger than the joint to be sealed.

Tool using Bond It SEALANT APPLICATOR TOOL or plastic spatula wetted with soapy water. Do not apply to wet surfaces, although wetting immediately afterwards will not have any adverse effects. Tools can be cleaned in WHITE SPIRIT or Bond It MULTI-WIPES prior to curing taking place.



Maintenance

Resistant to all common household cleaning chemicals. In showers and bathrooms regular cleaning of the sealed joint is recommended in order to remove soap residue/organic matter that can cause mould build-up. Stains can be removed with commercial bleach.

Coverage

Depending upon substrate condition and porosity approximately 10 linear metres with a 6mm bead per cartridge.

Colour

MULTI-MATE is available in 5 colours: white, translucent, brown, grey and black.

Size

EU3 plastic cartridge.

Shelf Life

Minimum 24 months from date of manufacture when stored in original, unopened cartridges.

Storage Conditions

Store in cool, dry conditions at a temperature between +5°C and +25°C. Protect from frost and direct sunlight.

Disposal of Containers

Do not leave empty containers where residue could be harmful to children, animals or the environment. Remove any containers to a central disposal point in accordance with local regulations.

Health & Safety

Please refer to separate safety data sheet (SDS) for full handling, use and storage instructions. Keep out of reach of children. It is the user's responsibility to determine suitability for use. If in doubt, contact our Technical Department for advice.

Note: this information is for general guidance only, since site conditions and labour are beyond our control.

Specification Summary

Tooling Time	5-10 minutes
Skin Time	Less than 30 minutes
Cure Time	1-2mm per day
Application Temperature	+5°C to +30°C
Service Temperature	-40°C to +100°C
Tensile Strength	1.11N/mm ²
Elongation At Break	150% UV Resistance
UV Resistance	Excellent
Ozone Resistance	Excellent
Density	0.95g/cm ³
Commodity Code	3214101010

Product / Order Details

Code	Colour	Fill	Barcode	UFI
BDMBL	Black	285ml	5060021362261	H890-007C-X00D-HSUY
BDMBR	Brown	285ml	5060021361424	H890-007C-X00D-HSUY
BDMGR	Grey	285ml	5060021362278	H890-007C-X00D-HSUY
BDMT	Trans	285ml	5060021361431	H890-007C-X00D-HSUY
BDMWH	White	285ml	5060021361448	H890-007C-X00D-HSUY



Part of the Bond It Silicone & Sealants Range

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EN15651-1,3:2012
F EXT- INT, S1

DoP: BDM
NB: 2538

DoP: BDM
NB: 0757

Façade sealant for exterior and interior use.
Sanitary Sealant.

Reaction to fire	E
Release of chemicals	None
Elastic Recovery	≥70%
Resistance to flow	< 3mm
Loss of volume	NPD
Adhesion / cohesion after water immersion	≥25%
Adhesion / cohesion at maintained extension	NF
Adhesion / cohesion at variable temperature	NF
Secant Modulus @ +23°C	≤4N/mm ²
Secant Modulus @ -20°C	≤6N/mm ²
Tensile properties at maintained extension	NF
Durability	Pass

Note: The data presented in this leaflet is in accordance with the present state of our knowledge, but does not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties rights and, if necessary clarifying the position. Recommendations for use do not constitute a warranty, either expressed or implied, of the fitness or suitability of the products for a particular purpose.



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