

ULTI-MATE

Neutral Cure Builders Silicone

Technical Data Sheet



MATE SILICONE & SEALANT RANGE

CLASS
EN15651-1: F EXT-INT

Description:

A low modulus, neutral cure silicone sealant. Suitable for applications where joint movement does not exceed 30% and where the long term durability of silicone is required. It has primerless adhesion to most construction materials. Conforms to BS EN 15651-1:2012.

Features & Benefits:

- ◆ *Excellent weathering properties.*
- ◆ *High movement accommodation.*
- ◆ *Waterproof.*
- ◆ *Non hazardous.*
- ◆ *For interior and exterior use.*
- ◆ *Permanently flexible.*

Uses

A superior silicone for high movement joints and remains permanently flexible for up to 25 years.

Bond It ULTI-MATE is suitable for sealing around doors and windows and for general building maintenance. It can be used to fix mirrors, glazing systems, cap beading and glass and also for expansion and joint sealing to precast concrete and brickwork.

This product can be used indoors or outdoors. It has excellent adhesion to cement; concrete; glass; ferrous metals; galvanised steel; ceramics; some plastics; timber and most common building materials.

Limitations

In areas subject to fungal or mould growth Bond It MULTI-MATE MULTI PURPOSE SILICONE should be applied. Not suitable for use on submerged joints where porous substrates may permit water to effect the bond. Do not use in aquaria assembly or on bitumen or asphalt. Over painting is not recommended.

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.



Application

Apply using a standard sealant gun. Cut tip from cartridge, be careful not to damage the screw thread. Cut the nozzle at an angle of 45° and fix to cartridge. Using a caulking gun apply sealant to the joint. Tool within 5 minutes using a tooling rod, wet spatula or SEALANT APPLICATOR



TOOL, for reasons of health and safety do not tool with finger. 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 best results are obtained with a weekly clean to prevent organic 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

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

Size

EU3 plastic cartridge.

Shelf Life

Minimum 12 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
Full Cure Time	24-48 hours depending on conditions and bead depth
Application Temperature	+5°C to +30°C
Service Temperature	-50°C to +120°C continuous exposure, higher temperatures can be withstood for limited periods
Tensile Strength	0.5N/mm ²
Elongation At Break	250%
Modulus @ Elongation	0.37N/mm ²
Movement Capability	20%
Density	0.99g/cm ³
Commodity Code	3214101010

Product / Order Details

Code	Colour	Fill	Barcode	UFI
BDUBL	Black	285ml	5060021367006	-
BDUBR	Brown	285ml	5060021361448	-
BDUGR	Grey	285ml	5060021362254	-
BDUT	Trans	285ml	5060021361479	-
BDUWH	White	285ml	5060021361486	-





Part of the Bond It Silicone & Sealants Range

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BOND IT G16 River Bank Way, Elland. HX5 9DN. UK	
EN15651-1:2012 F EXT- INT DoP: BDU DoP: BDU NB: 0074 NB: 0074 Facade sealant for exterior and interior use.	
Reaction to fire	E
Release of chemicals	None
Resistance to flow	≤ 3mm
Loss of volume	≤ 25%
Tensile properties after water immersion	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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