

PRO-MATE

Low Modulus Acetoxy Glazing Silicone

Technical Data Sheet



MATE SILICONE & SEALANT RANGE

CLASS
EN15651-1,2: F EXT-INT, G 20LM

Description:

A low modulus, acetoxy glazing silicone sealant. Suitable for applications where the joint movement does not exceed 20% and where the long term durability of silicone is required. Conforms to EN15651-1,2.

Features & Benefits:

- ◆ Excellent weathering properties.
- ◆ Waterproof.
- ◆ For interior and exterior use.
- ◆ Permanently flexible.

Uses

Bond It PRO-MATE is suitable for perimeter perimeter sealing and waterproofing around doors and window frames and for general building sealing and maintenance applications.

It has excellent adhesion to glass to glass, glass to aluminium, glass, ceramics, timber, ferrous metals, concrete and most common building materials.

Limitations

Not suitable for use on unprimed metals, cements or concrete. In areas subject to fungal or mould growth Bond It MULTI-MATE silicone should be applied. Joints in which water generates a hydrostatic pressure through the substrates on the sealant bond require remedial work before application. Please note this product is NOT recommended for bedding in double glazed units.

Preparation

Ensure all surfaces are clean, dry and free from grease or any contaminants that may hinder adhesion. Cement, concrete and bare metal must be primed, or a neutral cure silicone such as Bond It ULTI-MATE or LN7 used. 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 SEALANT APPLICATOR TOOL or wet spatula.

Tools can be cleaned in WHITE SPIRIT or Bond It MULTI-WIPES prior to curing taking place.



Coverage

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

Colour

PRO-MATE is available in 2 colours: white and translucent.

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
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
Elongation At Break	250%
Density	0.95g/cm ³
Commodity Code	3214101010

Product / Order Details

Code	Colour	Fill	Barcode	UFI
BDPMT	Trans	285ml	5060021364869	-
BDPMWH	White	285ml	5060021361936	-





Part of the Bond It Silicone & Sealants Range

Head Office: Unit H4, Premier Way, Lowfields Business Park, Elland, West Yorkshire. HX5 9HF.

Telephone: +44 (0)1422 315300 **Email:** salesuk@bonditgroup.com

EU Office: SISL (Bond It) Ireland Limited, 70 Sir John Rogerson's Quay, Dublin 2.

Website: www.bonditgroup.com

 22	 14
BOND IT H4 Premier Way, Elland. HX5 9HF. UK	
EN15651-1:2012 F EXT-INT, G 20LM DoP: BDPM NB: 0074 DoP: BDPM NB: 0074 Façade sealant for exterior and interior use 12.5E. Glazing sealant.	
Reaction to fire	E
Release of chemicals	None
Resistance to flow	≤ 3mm
Loss of volume	≤ 30%
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.



Certificate Number 6152
 ISO 9001
 ISO 14001
 ISO 45001

Version 8: 26/01/24
 Supersedes v7 06/10/22

