

SUPER-MATE

Universal Siliconised Acrylic Sealant

Technical Data Sheet



MATE SILICONE & SEALANT RANGE

CLASS
EN15651-1: F EXT-INT

Description:

A high quality siliconised acrylic sealant. Has improved adhesion characteristics when compared to conventional acrylic sealants. Provides a long lasting seal which adheres to virtually any materials. Contains a powerful fungicide to prevent mould growth. Conforms to EN15651-1, F EXT-INT.

Features & Benefits:

- ◆ **Mould resistant.**
- ◆ **Overpaintable within 1 hour.**
- ◆ **Remains permanently flexible.**
- ◆ **Easy clean up.**
- ◆ **Excellent adhesion.**
- ◆ **For interior and exterior use.**

Uses

Bond It SUPER-MATE can be used for internal and external sealing around timber and metal window and door frames and internal sealing around PVCu window and door frames. Ideal for filling gaps and cracks in general decorating applications as well as sealing cracks and gaps in brickwork, stone, plaster and concrete. Can also be used as an adhesive for bonding polystyrene coving and tiles and for bonding cork tiles and wood block flooring; and as a sealant for PVCu profiles, cladding and trims.

Limitations

When using externally, in areas of high humidity, protect from water for a minimum of 12 hours. In damp and cold conditions, cure time will be significantly extended. Not for use in conjunction with bitumen or asphalt. Do not attempt to abrade when cured. Do not use around baths or shower trays. We recommend use of Bond It S3 SILICONE. Do not overpaint until a surface skin has formed. Overpainting is not necessary. Note: this product is flexible. Certain poor quality paints (especially certain vinyl mattes) have very little movement in the dry film. It is possible for the dry paint film to crack if movement is excessive. Should not be used in conditions of continuous water immersion, below ground level, in areas of high abrasion (eg floor joints). This product is not a silicone sealant and is not suitable for joints with very high movement.

Preparation

All surfaces must be clean and free from dust and loose particles. Highly porous substrates such as new plaster should be primed before application with Bond It PVA BOND diluted 1:4 with water. This product can be applied to slightly damp, but not wet surfaces.



Application

Apply using a standard sealant gun. Cut the tip of the cartridge taking care not to damage the thread. Apply nozzle and cut cleanly at an angle of 45° with an opening slightly larger than the gap to be sealed. Apply using a standard sealant gun. Smooth down within 5-10 minutes of application using a wetted spatula, piece of wood or Bond It SEALANT APPLICATOR TOOL. Care should be taken at this point not to saturate the surface as this will delay drying. Can be overpainted with waterbased paints as soon as skin forms, approximately 1 hour. Must be completely dry for oil based paints approximately 24-48 hours.



Tools can be cleaned after use using soapy water before product cures. Remove excess product with a damp cloth.

Coverage

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

Colour

SUPER-MATE is available in white only.

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.

Value Base

All technical data stated in this data sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

Specification Summary

Tooling Time	5-10 minutes	
Skin Time	15 to 60 mins, dependent on thickness, ambient temperature and humidity	
Full cure Time	3 to 5 days, dependent on thickness, ambient temperature and humidity	
Application Temperature	+5°C to +30°C	
Service Temperature	-15°C to +75°C	
Shore A Hardness	Approximately 22	
Solid Content	~85%	
Movement Capability	Low to medium (+/- 7.5%) EN15651-1	
Chemical Resistance	Dilute Acids - Fair Aliphatic Hydrocarbons - Fair	Dilute Alkaline – Fair Aromatic Hydrocarbons - Poor
Density	ca.1.70g/cm ³	
Commodity Code	3214101000	

Product / Order Details

Code	Colour	Fill	Barcode	UFI
BDSMWH	White	285ml	5056437400840	-





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

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BOND IT H4 Premier Way, Elland. HX5 9HF. UK	
EN15651-1:2012 F EXT-INT	
DoP: BDSM NB: 2538	DoP: BDSM NB: 2538
Façade sealant for interior and exterior use.	
Reaction to fire	E
Release of chemicals	None
Resistance to flow	≤ 3mm
Loss of volume	NPD
Tensile properties after water immersion	NPD
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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 ISO 45001

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