

FLASH-MATE

Low Modulus Lead Silicone

Technical Data Sheet



MATE SEALANT & ADHESIVE RANGE

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

Description:

A high performance neutral cure silicone sealant specifically designed for use with roofing products both modern and traditional, internally and externally. Conforms to EN15651-1,2 F EXT-INT, G.

Uses

Bond It **FLASH-MATE** is a low modulus neutral cure fast-skinning, roof sealant. It is designed to stop weather ingress, tile lift and noise. Bond It **FLASH-MATE** is used to seal or bond dissimilar materials to prevent weather ingress. **FLASH-MATE** can be used to bond glass and glazing plastics as well as small sections of roofing materials under repair. Ideally suited for sealing rooflights, conservatories, soffits, glass houses, industrial roofing systems, lead flashing and to prevent tile lifting and wind noise.

FLASH-MATE is compatible with lead, galvanised steel and all metals. **FLASH-MATE** has excellent UV, heat and ozone resistance and sets to tough resilient rubber.

It is ideal for use on: glass; slate; all metals including lead and galvanised steel; concrete and brick; GRP; sealed timber; plastics (including polycarbonate); acrylics; PVCu and all painted surfaces.

Preparation

Ensure all surfaces are clean, dry and free from grease or any contaminants that may hinder adhesion. Priming may be necessary on porous surfaces.

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. Best tooling is achieved if a minute or two is allowed after application before smoothing. Polyethylene foam backing rod pushed into construction joints before sealing gives a technically superior joint and minimises sealant consumption. For bonding press the two surfaces together before skinning commences. On very hot roofs skinning time will be much shorter.

Once the silicone has been applied and tooled rain will not have any adverse effects on the sealant.

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

Limitations

Porous surfaces should be primed first. Do not use on surfaces where water can penetrate through porous

materials to the bond interface without first carrying out remedial work. Not suitable for use on natural stone.

Container Size

EU3 plastic cartridge.

Colours

FLASH-MATE is available in grey only.

Shelf Life

Minimum 12 months from date of manufacture when stored in unopened tubes.

Storage Conditions

Store in cool, dry conditions at a temperature between +5 to +25°C.

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

Contains 2-Butanone oxime (MEKO).

Please refer to separate material safety data sheet for full handling, use and storage instructions. Keep out of reach of children. It is the users 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. It is recommended that users make their own tests to determine suitability.



Specification Summary

Flammability	Non-flammable
Solubility in Water	Insoluble
Tooling Time	5-10 minutes
Skin Time (at 23°C and 50% relative humidity)	10-15 minutes
Curing rate (at 23°C and 50% Relative humidity)	approx. 3mm per day
Movement Capability	25% by ISO methods
Application Temperature	+5°C to +30°C
Elongation At Break	Approx. 200%
Secant Modulus	250N
Elastic Recovery	100%
Service Temperature	-50°C to +120°C continuous exposure, higher temperatures can be withstood for limited periods
UFI	3P30-N0CN-Y00X-UVE4



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BOND IT

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EN15651-1,2: 2012

F EXT - INT, G

Facade sealant for interior and exterior use.
Glazing Sealant.

Reaction to fire E

Release of chemicals None

Resistance to flow ≤ 3mm

Loss of volume ≤30%

Tensile properties after water immersion ≥25%

Durability Pass

Product / Order Details:

Code	Colour	Size	Barcode
BDLEAD	Grey	EU3	5060021363466



Part of the Bond It Silicone & Sealants Range



The data presented in this leaflet are in accordance with the present state of our knowledge, but do 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



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