



ZM10

Zero Meko Silicone Sealant



Description

ZM10 is a specially developed sealant for the professional sealant applicator, glazing and cladding industries. It gives off no solvents or corrosive vapours while setting and sets quickly under all conditions when exposed to air. ZM10 is compatible with all metals and plastics. Meets European Zero Meko Law. Contains a biocide.

Uses

Bond It **ZM10** is suitable for glazing, curtain walling, metal cladding, weather sealing and bonding of high movement joints. It's special formulation gives exceptional tooling properties and durability. It is also suitable for sanitary applications including baths, showers, sinks and vanity units, etc.

Accelerated aging tests indicate a life expectancy of in excess of 25 years.

It is ideal for use on:

- ◆ glass
- ◆ ceramics
- ◆ all metals
- ◆ metal cladding
- ◆ concrete
- ◆ painted and unpainted timber
- ◆ brick
- ◆ plastics, including PVCu
- ◆ all painted surfaces

Preparation

Ensure all surfaces are clean, dry and free from grease, oil or any other contaminants that may hinder adhesion. On porous surfaces priming may be necessary.

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.

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

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 where colour bleed may occur, use Bond It "The One" Silicone for these applications.

Do not use on bituminous substrates, natural and synthetic rubber. Do not use for structural glazing installations.

Shelf Life

Minimum 12 months in unopened cartridges.

Container Size

300ml cartridges.

Colour

Available in white.

Storage Conditions

Protect from freezing. Store between +5°C to +25°C in dry conditions.

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 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.

Specification Summary

Tooling Time	5 -10 minutes
Skinning Time	15-25 minutes
Rate of Cure	2mm per day / 3.5mm - 3 days
Application Temperature	+5°C to +40°C
Service Temperature	-50°C - +180°C continuous exposure, higher temperatures can be withstood for limited periods

Container Sizes:

Colour:	White
Code:	BDZM10WH
Barcode:	5060021372291
Size:	300ml



BOND IT

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Elland, West Yorkshire. HX5 9DN

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EN15651-1,2,3,4

Facade Sealant for Exterior and Interior use 25LM
Glazing Sealant 25LM
Sanitary Sealant XS1
Pedestrian Walkway Sealant for Exterior and Interior
use 25LM

Reaction to fire	Class E
Release of chemicals	See MSDS
Resistance to Flow	≤ 3mm
Loss of volume	≤ 10%
Elastic Recovery	>70%
Tensile properties secant modulus	≤ 0.4MPa
Tensile properties at maintained extension	NF
Adhesion/ cohesion at variable temperatures	NF
Adhesion/ cohesion at maintained extension after water immersion	NF
Adhesion/ cohesion after exposure to heat, water and artificial light	NF
Microbiological growth	1
Tear Resistance	NF
Durability	NF

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 express or implied, of the fitness or suitability of the products for a particular purpose.



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ISO 9001
ISO 14001



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