



WP100

Neutral Cure Silicone



Description

A premium, single component, ready to use, neutral cure silicone sealant. It is low odour and moisture curing.

Suitable for use as a perimeter sealant for external door and window frames. It has good adhesion properties with a rapid curing rate. Conforms to EN15651-1,2 F EXT-INT G 25LM.

- Permanently elastic.
- UV stable colours.
- Weatherproof.
- Anti fungal.
- Compatible with metal and alkaline surfaces.
- Low odour.
- Low meko.

Uses

For perimeter sealing of wood, aluminium and PVCu door and window frames and for weather sealing and flexible jointing of infill panels. For building and construction joints and joints between different materials with high movement.

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

All surfaces must be clean, dry and dust and grease-free. Porous materials should be primed for optimum adhesion. When sealing deep joints use foam backer rods to minimise wastage. Cut the tip of the cartridge, screw on nozzle and cut at an angle of 45°. Apply at temperatures between +5°C and +45°C using a standard sealant gun. Tool the sealant using the appropriate shaped tooling aid - DO NOT USE A WETTED FINGER. **Note:** risk of yellowing in low UV light situations. Sealant may crack if exposed to movement before it is suitably cured, therefore joints should be protected from movement for at least 3 hours after application.

Limitations

Not suitable for use with aquaria. Not suitable for use on bitumen or asphalt. Over-painting is not recommended.

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.

Container Size

EU3 and EU4 plastic cartridges plus 600ml foils.

Colours

WP100 comes in white, transparent, black, brown, rosewood, anthracite, cream and chartwell green. It is also available in 600ml foil sausages in white and EU4 cartridges in white, buff, anthracite, brick red, buff and black.

Shelf Life

Use within 12 months from date of manufacture.

Cleaning Of Tools

Use white spirit.

Storage Conditions

Store in cool, dry conditions.

Disposal of Containers

Do not leave empty containers where residue could be harmful to children, animals or the environment. Replace lids and remove any containers to a central disposal point in accordance with local regulations.

Health & Safety

Contains 2 Butanone Oxime.
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.

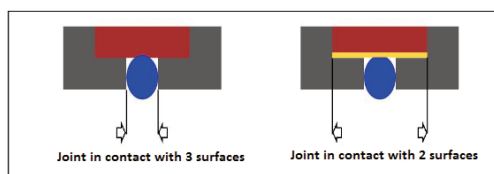
Note: this information is for general guidance only, since site conditions and labour are beyond our control. It is recommended that users make their own tests to determine suitability.

Specification Summary

Base	Polysiloxane
Curing Rate	Approx 2mm / 24h
Skin Formation	8 mins
Shore A Hardness	White 20 +/-5; Trans 18 +/-5
Movement Accomodation	25%
Elongation At Break	Approx 400%
Application Temperature	+5°C to + 40°C
Storage Temperature	+5°C to + 25°C

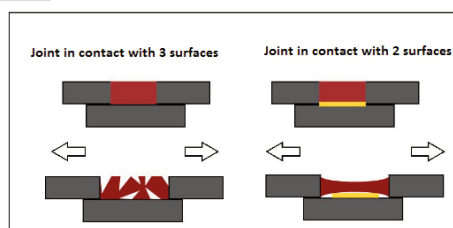
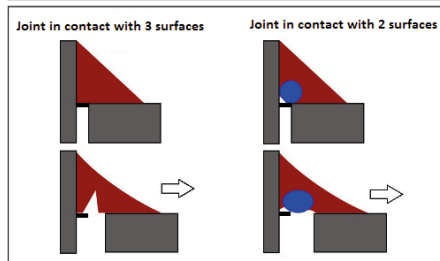
Skin formation and cure rate times are highly dependanat upon temperature and humidity.

Joint Set Ups:



The correct joint layout requires a sealant to be only in contact with 2 surfaces. This can be acheived with use of a backing rod. If the joint is not deep enough to use a backing rod then a bond breaking tape can be used.

- A sealant joint depth should be no less than 5mm
- Joint depth should be 5mm for joints up to 10mm wide
- Joints above 10mm wide should have a depth at least half of the width
For example a joint that is 16mm wide should have a depth of at least 8mm



Container Sizes:

Colour: White	Translucent	Brown	White
Code: WP100WH	WP100T	WP100BR	WP100WH4
Size: EU3	EU3	EU3	EU4
Barcodes: 5060021368508	5060021368515	5060021372222	5060021369413
Colour: Black	Rosewood	Anthracite	
Code: WP100BL	WP100RW	WP100ANT	
Size: EU3	EU3	EU3	
Barcodes: 5060021369697	5060021372246	5060021372215	
Colour: Cream	Chartwell Green	White	
Code: WP100CR	WP100CG	WP100WH6	
Size: EU3	EU3	600ml	
Barcodes: 5060021372307	5060021372314	5060021372437	
Colour: Buff	Anthracite	Black	Red
Code: WP100BU4	WP100AN4	WP100BL4	WP100R4
Size: EU4	EU4	EU4	EU4

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.



BOND IT

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EN15651-1,2

F EXT-INT G 25LM

Facade sealant for exterior and interior use. Glazing Sealant.

Reaction to fire	E
Release of chemicals	See MSDS
Resistance to flow	≤ 3mm
Loss of volume	≤10%
Elastic Recovery	≥70%
Tensile properties at maintained extension	Pass
Adhesion/cohesion at variable temperature	Pass
Adhesion/cohesion after water immersion	Pass
Durability	Pass



Certificate Number: 6152
ISO 9001
ISO 14001



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