

WP100

Premium Neutral Cure Oxime Silicone Sealant

Technical Data Sheet



TRADE SILICONE RANGE

CLASS
EN15651-1,3 F EXT-INT, G, XS2

Description:

A premium, single component, moisture curing, neutral cure silicone sealant. Conforms to EN15651-1,3 F EXT-INT, G, XS2.

Benefits:

- ◆ Permanently elastic.
- ◆ Weatherproof.
- ◆ UV stable colours.
- ◆ Suitable for alkaline and metal surfaces.
- ◆ Anti-fungal.

Suitable for use as a perimeter sealant for external door and window frames. It has good adhesion properties with a rapid curing rate.

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, such as a SEALANT APPLICATOR TOOL - DO NOT USE A WETTED FINGER. **Note:** Sealant may tear if exposed to movement before it is suitably cured, therefore joints should be protected from movement for at least 3 hours after application.



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. Provide regular and sufficient ventilation in closed rooms.

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. Not suitable for use with aquaria. Not suitable for use on bitumen or asphalt. Over-painting is not recommended. Risk of yellowing in low UV light situations.

Cleaning Of Tools

Use Bond It WHITE SPIRIT or MULTI-WIPES.

Colours

See reverse for available colour and size options.

Container Size

EU3, EU4 plastic cartridges and 600ml foil in white.



Shelf Life

12 months from date of manufacture when stored in unopened cartridges.

Storage Conditions

Store in cool, dry conditions at a temperature between +5 and +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.

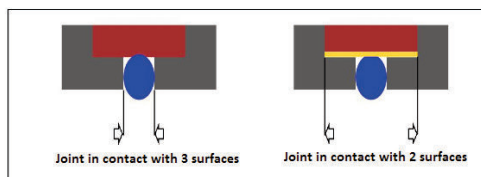
Note: this information is for general guidance only, since site conditions and labour are beyond our control. It is recommended that users make their own tests to determine suitability.

Specification Summary

Base	Polysiloxane
Curing Rate (at 23°C and 50% Relative humidity)	Approx 3mm per day
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
UFI	C6A0-JOTR-A002-SD1N

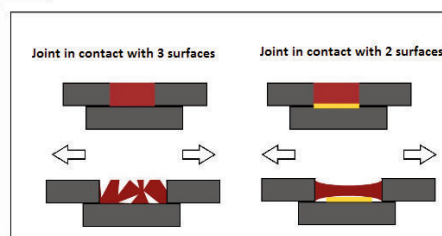
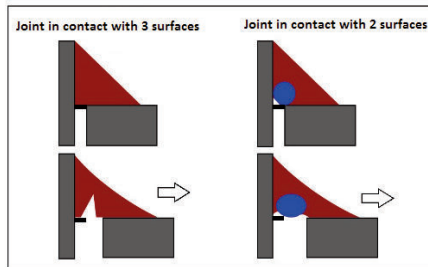
Skin formation and cure rate times are highly dependant upon temperature and humidity.

Joint Set Ups:



The correct joint layout requires a sealant to be only in contact with 2 surfaces. This can be achieved 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



Product / Order Details:

Code	Colour	Size	Barcode
WP100WH	White	EU3	5060021368508
WP100T	Translucent	EU3	5060021368515
WP100BR	Brown	EU3	5056437400765
WP100BL	Black	EU3	5060021369697
WP100RW	Rosewood	EU3	5056437400772
WP100AN	Anthracite	EU3	5056437400758
WP100DAN	Dark Anthracite	EU3	5056437401014
WP100WH4	White	EU4	5060021369413
WP100BU4	Buff	EU4	5056437400963
WP100AN4	Anthracite	EU4	5056437401229
WP100DAN4	Dark Anthracite	EU4	5056437401007
WP100RBL4	Black	EU4	5056437400956
WP100MG4	Mid Grey	EU4	5056437400789
WP100R4	Red	EU4	5056437400857
WP100WH6	White	600ml Foil	5056437400994



Part of the Bond It Trade Silicone 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.



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BOND IT

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EN15651-1,3

F EXT-INT, G, XS2
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	≤ 20%
Elastic Recovery	≥ 40%
Tensile properties at maintained extension	Pass
Adhesion/cohesion at variable temperature	Pass
Adhesion/cohesion after water immersion	Pass
Durability	Pass
Microbiological growth	2



Certificate Number:
6152
ISO 9001; ISO 14001;
ISO 45001



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