



WP70

Neutral Oxime Cure Silicone



Description

A one component, professional grade neutral oxime curing sealing compound. Certified low meko.

A high quality, neutral cure silicone for perimeter sealing of internal and external door and window frames. Rapid curing with good adhesion properties and higher gloss finish. Conforms to EN15651-1 F EXT-INT.

- Permanently elastic
- Weatherproof
- Non fading
- Suitable for alkaline and metal surfaces
- Low odour
- Safe to use
- Contains additional uPVC adhesion promoters.

Uses

For perimeter sealing of wood, aluminium and PVCu door and window frames and for weather sealing and flexible jointing of infill panels.

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. Substrates like marble, sandstone and similarly porous surfaces can show a discolouration around the sealant edges. Not suitable for bedding double glazed windows.

While WP70 is suitable for sealing windows and doors in most circumstances its flexibility range is 12.5% and as such joints where more extreme movement is expected may be better sealed using the Bond It WP100 premium silicone offering 25% flexibility.

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.

Container Size

EU3 plastic cartridges.

Colours

WP70 comes in 9 colours: white, brown, trans, buff, grey, black, rosewood, anthracite grey and toffee. It is also available in 600ml foil sausages in white.

Shelf Life

12 months.

Storage Conditions

Store in cool, dry conditions between 5°C and 25°C.

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

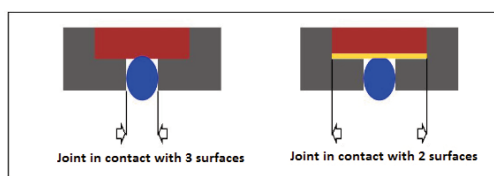
Contains 2 Butanone Oxime.

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.

Specification Summary

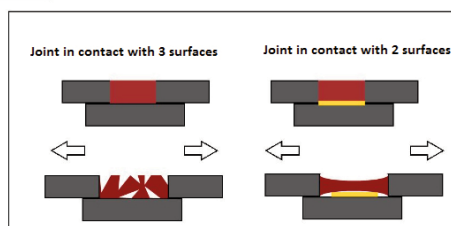
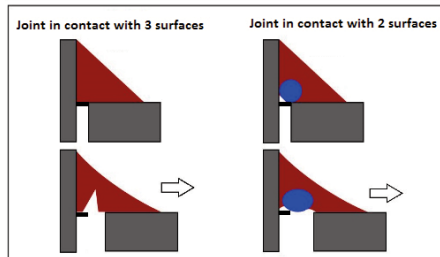
Tooling Time (dependant on temperature and humidity)	5-10 minutes
Tack Free Time (dependant on temperature and humidity)	Less than 30 minutes
Cure Time (dependant on temperature and humidity)	approx 1mm per day
Application Temperature	+5°C to + 40°C
Service Temperature	-60°C to + 160°C
Movement Accomodation	12.5%
Adhesion	Good to glass, aluminium, painted surfaces and most common building materials
UV Resistance	Excellent
Ozone Resistance	Excellent
Shore A Hardness	approx 20-28

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



Container Sizes:

Colour: Brown	White	Translucent	Buff
Code: WP70BR	WP70WH	WP70T	WP70BU
Size: EU3	EU3	EU3	EU3
Barcode: 5060021364586	5060021364568	5060021366177	5060021368805
Colour: Black	Rosewood	Anthracite	White
Code: WP70BL	WP70RW	WP70ANT	WP70WH6
Size: EU3	EU3	EU3	600ml
Barcode: 5060021368980	5060021368607	5060021369819	5060021371843
Colour: Grey	Toffee		
Code: WP70GR	WP70TF		
Size: EU3	EU3		
Barcode: 50600212369116	5060021369109		



BOND IT

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EN15651-1

F EXT-INT

Facade sealant for exterior and interior use.

Reaction to fire	E
Release of chemicals	See MSDS
Resistance to flow	≤ 3mm
Tensile behaviour at 23°C	≥25%
Tensile properties at maintained extension	Pass
Adhesion/cohesion at variable temperatures	Pass
Adhesion/cohesion at maintained extension after water immersion	Pass
Durability	Pass

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.



Certificate Number: 6152
ISO 9001
ISO 14001



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