

# WP70

## Neutral Cure Oxime Silicone Sealant

### Technical Data Sheet



TRADE SILICONE RANGE

CLASS  
EN15651-1,2,3 F EXT-INT, G

#### Description:

*A one component, professional grade neutral oxime curing sealing compound. Conforms to EN15651-1,2,3.*

#### Benefits:

- ◆ *Permanently elastic.*
- ◆ *Weatherproof.*
- ◆ *UV stable colours.*
- ◆ *Suitable for alkaline and metal surfaces.*
- ◆ *Contains additional uPVC adhesion promoters.*

A high quality, neutral cure silicone for perimeter sealing external door and window frames. Rapid curing with good adhesion properties to most common building materials, glass, aluminum and painted surfaces.

#### 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 such as a Bond It SEALANT APPLICATOR TOOL - DO NOT USE A WETTED FINGER. **Note:** 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.



#### 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 plastic cartridge 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.

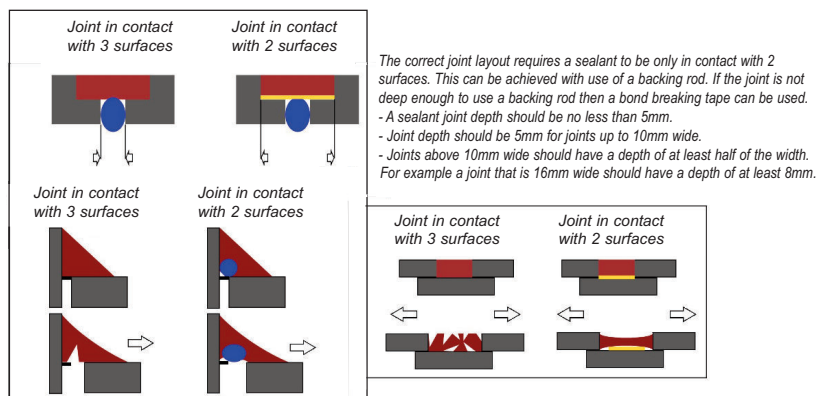
**Note: this information is for general guidance only, since site conditions and labour are beyond our control. It is recommended that users make their own tests to determine suitability.**



## Specification Summary

Curing rate (at 23°C and 50% Relative humidity)	approx. 3mm per day
Tooling Time (dependant on temperature and humidity)	5-10 minutes
Tack Free Time (dependant on temperature and humidity)	Less than 30 minutes
Application Temperature	+5°C to + 40°C
Service Temperature	-60°C to + 160°C
Movement Accomodation	12.5%
Shore A Hardness	approx 20-28
Elongation To Break	Approx. 200%
Secant Modulus	Approx. 250N
Elastic Recovery	100%
UFI	H4A0-204C-000K-41FN

## Joint Set Ups:



## Product / Order Details:

Code	Colour	Size	Barcode
WP70BR	Brown	EU3	5060021364586
WP70WH	White	EU3	5060021364568
WP70T	Translucent	EU3	5060021366177
WP70BL	Black	EU3	5060021368980
WP70RW	Rosewood	EU3	5060021368607
WP70ANT	Anthracite	EU3	5060021369819
WP70GR	Grey	EU3	5060021369116
WP70TF	Toffee	EU3	5060021369109
WP70BU	Buff	EU3	5060021368805
WP70WH6	White	600ml Foil	5056437400987



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.



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



**BOND IT**  
Head Office: Unit G16 River Bank Way, Lowfields Business Park,  
Elland, West Yorkshire HX5 9DN.  
Telephone: +44 (0)1422 315300 Fax +44 (0)1422 315310  
Email: salesuk@bonditgroup.com Website: www.bonditgroup.com



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**BOND IT**  
G16 River Bank Way, Elland. HX5 9DN. UK

**EN15651-1,2,3**  
F EXT-INT, G  
Facade sealant for exterior and interior use. Glazing sealant.

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
Loss of volume	≤ 30%