

Permaroof Bond & Seal Sealant

Description

A premium, single component, ready to use, neutral cure silicone sealant. It is fungal resistant, 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 BS EN 15651-1,2:2012.

- 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, 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.

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 plastic cartridges.

Colours

WP100 comes in white and black.

Shelf Life

12 months in original unopened cartridges.

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.

May cause an allergic reaction.

Avoid eye contact.

Avoid prolonged contact with skin.

Thoroughly wash hands with soap and water after use.

Keep out of reach of children.

See separate material safety data sheet for full handling, use and storage.

Specification Summary

Base Polysiloxane

Curing Rate Approx 2mm / 24h

Skin Formation 8 mins

Shore A Hardness White 20 +/-5; Trans 18 +/-5

Density Trans - 1.017g/ml; colours - 1.27g/ml

Movement Accomodation 25%

Elongation At Break Approx 400%

Application Temperature +5oC to + 45oC

Storage Temperature +5oC to + 30oC

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

CE

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EN15651-1,2:2012

F EXT-INT G 25LM

Facade sealant for exterior and interior use. Glazing sealant.

Reaction to fire E

Release of chemicals None

Resistance to flow < 3mm