

THE ONE

Premium Grade, Universal Silicone

Technical Data Sheet



THE SUPERHEROES SEALANT & ADHESIVE RANGE

CLASS
EN15651-1,1,2,3,4;
F EXT-INT; G 25LM, XS1
PW EXT-INT CC

Description:

A neutral curing silicone sealant, designed to replace almost all other silicones. It will not react with natural stone or bleed into porous stone. Also contains a powerful fungicide to prevent mould growth when used in sanitary applications.

Features & Benefits:

- ◆ Shower in 1 hour.
- ◆ Excellent adhesion.
- ◆ Ideal for natural stone; non-staining.
- ◆ Safe on metals.
- ◆ Mould resistant for up to 10 years.
- ◆ Ideal for PVCu and glass. Tested for use with VSG glass.
- ◆ Non shrinking.
- ◆ UV resistant.
- ◆ Will withstand temperatures up to +220°C once cured.
- ◆ Ideal for mirrors.
- ◆ Suitable for ducting.

Tested In Accordance To:

EN15651-1,1,2,3,4:2012, ISO 846, DIN 18545, VDI 6022, VSG-GLAS.

Uses

Developed for most sealing applications this product is ideal for use in sanitary, window frame, ducting, high temperature and natural stone applications. Can be used on metals, mirrors, natural stone, granite, travertine, marble, stone, PVCu, concrete, plaster and VSG glass.

Limitations

Not suitable for aquaria and permanent immersion i.e. swimming pools. Overpainting is not recommended.

Preparation

Ensure all surfaces are clean, dry and free from grease, oil or any other contaminants that may hinder adhesion. Prime porous surfaces and metals other than anodised aluminium or stainless steel for optimum adhesion. If sealing deep joints use foam backer rods to optimize the joint design.

Application

Apply using a standard sealant gun. Cut the tip of the cartridge, screw on nozzle and cut to an angle of 45° at desired sealant width. Tool the sealant using a SEALANT APPLICATOR TOOL within 10 minutes of application - do not use a wetted finger.



For bath surrounds: 1/2 fill bath with water to allow sealant to

be applied at joint mid point. If necessary masking tape may be applied. If large gaps are to be filled, polythene foam, rod or tape should be used to provide support and minimise sealant wastage. Tool down within 5 minutes using a wet spatula. Wait until silicone has cured before emptying the bath of water. Any trims should be bedded into the silicone within 5 minutes. Tools can be cleaned in Bond It WHITE SPIRIT or MULTI-WIPES prior to curing taking place.



Coverage

Depending upon substrate condition and porosity approximately 10 linear metres with a 6mm bead per cartridge.

Colour

THE ONE comes in 2 colours, white and translucent.

Size

310ml plastic cartridge.

Shelf Life

Minimum 18 months from date of manufacture when stored in original, unopened cartridges.

Storage Conditions

Store in cool, dry conditions at a temperature between +5°C and +25°C. Protect from frost and direct sunlight.

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

Please refer to separate safety data sheet (SDS) for full handling, use and storage instructions. Keep out of reach of children. It is the user's 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.

Specification Summary

Skin Time @ 23°C & 50% RH	12 minutes
Full Cure Time	ca. 1mm/ 24 hours
Application Temperature	+5°C to +40°C
Service Temperature	-40°C to +220°C
Shore A Hardness	25-40
Tensile Strength	1.3N/mm ²
Elongation at Break	>500%
Movement Capability	ca. 25%
Density	1.02-1.1g/cm ³
Commodity Code	3214101000

Product / Order Details

Code	Colour	Fill	Barcode	UFI
BDGISTWH	White	310ml	5060021368799	-
BDGISTT	Translucent	310ml	5060021369123	-





Part of the Bond It Silicone & Sealants Range

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BOND IT H4 Premier Way, Elland. HX5 9HF. UK v																											
EN15651-1,2,3,4:2012 F EXT-INT, G 25LM; XS1; PW EXT-INT CC DoP: BDGIST DoP: BDGIST NB: 0757 NB: 0757 Façade sealant for interior and exterior use. Sanitary sealant. Glazing sealant. Sealant for exterior and interior pedestrian walkways. Suitable for cold climates.																											
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Note: The data presented in this leaflet is in accordance with the present state of our knowledge, but does 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

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