

XTREME

Premium Grade, Anti-Mould Silicone For Humid Areas

Technical Data Sheet



THE SUPERHEROES RANGE

CLASS
EN15651-1,3; F INT; XS1

Description:

A specially formulated sealant containing fungicide for sanitary applications in areas of high humidity. Conforms to BS EN 15651-1,3:2012.

Benefits:

- ◆ *High resistance to chemicals.*
- ◆ *Good tooling characteristics.*
- ◆ *Permanently flexible.*

One part silicone sealant with excellent primerless adhesion to enamel, tiles, glazed ceramic, glass, stainless steel, polycarbonate glass (Plexiglass) and acrylics. Can also be used on wood, aluminium, chrome, concrete, brick and PVC when used in conjunction with a primer.

Bond It XTREME contains a biocide to prevent unsightly mould growth.

Uses

Bond It XTREME can be used in swimming pool areas (but not IN swimming pools). Ideal for sanitary applications including connection and expansion joints in bath rooms, kitchens, toilet areas and swimming pool areas.

Preparation

Ensure all surfaces are clean, dry and free from grease or any contaminants that may hinder adhesion. Remove any old sealant.

Application

Apply using a standard sealant gun with the nozzle cut at an angle of 45°, and to an opening slightly larger than the joint to be sealed.

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 or Bond It SEALANT APPLICATOR TOOL. Wait until silicone has cured before emptying the bath of the water. Any trims should be bedded into the silicone within 5 minutes.



For sealing waste outlets in sinks and baths: XTREME should be

applied so that it will be in compression after tightening of connecting pipes.

For metalised plastic trims: test for discolouration by sealant before use.

Limitations

Due to the large number of existing paint systems, it is necessary to conduct a compatibility test to ensure suitability. There is also danger of yellowing on contact with white alkyd resin paints. Risk of corrosion when used on bare iron or non-ferrous metals.

Container Size

310ml plastic cartridge.

Colours

XTREME comes in 3 colours: white, clear and grey.

Shelf Life

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

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. Remove any containers to a central disposal point in accordance with local regulations.

Health & Safety

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

Raw Material Base	Acetoxycuring silicone polymer
Skimming Time	12 minutes @ 23°C/ 50% relative humidity
Curing Speed	approx 2-3 mm after 24 hrs at 23°C/ 50% rel humidity
Thermal Stability	-40°C to +150°C
Application Temp	+5°C to 30°C
Shore A Hardness	Approx 23
Density	Approx 1.0 g/cm ³
Elongation At Rupture With 2mm Film	Approx 300%
UFI	DC90-G0WS-700W-54F3

Product / Order Details:

Code	Colour	Size	Barcode
BDSANXWH	White	310ml	5060021367334
BDSANXCL	Clear	310ml	5060021367358
BDSANXGR	Grey	310ml	5056437400239



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BOND IT

G16 River Bank Way, Elland. HX5 9DN. UK

EN15651-1,3:2012

F INT; XS1

Facade sealant for interior use.
Sanitary sealant.

Reaction to fire	E
Release of chemicals	None
Resistance to flow	≤ 3mm
Loss of volume	≤10%
Tensile behaviour - secant modulus	>0.4 MPa
Tensile properties at maintained extension	Pass
Adhesion/cohesion at variable temperature	Pass
Adhesion/cohesion after water immersion	Pass
Microbiological Growth water immersion	XS1
Durability	Pass



Part of the Bond It Superheroes 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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