

XTREME HM SILICONE

Premium Grade, Anti-Mould Silicone For Humid Areas

Technical Data Sheet



THE SUPERHEROES SEALANT & ADHESIVE RANGE

CLASS
EN15651-1,3; F INT; S1

Description:

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

Features & Benefits:

- ◆ **Contains a biocide to retard mould growth.**
- ◆ **Waterproof.**
- ◆ **High resistance to chemicals.**
- ◆ **Good tooling characteristics.**
- ◆ **Protects against discolouration.**
- ◆ **10 years anti-mould resistance.**
- ◆ **Permanently flexible.**

Uses

Bond It XTREME is a one part silicone sealant with excellent primerless adhesion to enamel, tiles, glazed ceramic, glass, stainless steel, polycarbonate glass (Plexiglass) and acrylics. Suitable for use on wood, aluminium, chrome, concrete, brick and PVC when used in conjunction with a primer.

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

Also for use internally for sealing around window and door frames in areas with high condensation levels.

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. Not suitable for use with aquaria, bitumen or asphalt and overpainting is not recommended.

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. 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

XTREME comes in 5 colours: white, clear, black, grey and Manhattan grey.

Size

310ml plastic cartridge.

Shelf Life

Minimum 24 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 keep out of 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.

Recommended

Regular cleaning of the sealed joint is recommended in order to remove soap residue/organic matter that can cause mould build-up.

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

Raw Material Base	Acetoxy curing silicone polymer
Skin Time (@+23°C and 50% RH)	12 minutes
Full Cure Time (@+23°C and 50% RH)	approx 2-3 mm per day
Application Temperature	+5°C to +30°C
Service Temperature	-40°C to +150°C
Shore A Hardness	Approx 23
Elongation At Break	Approx 300%
Density	1.0g/cm ³
Commodity Code	3214101000

Product / Order Details

Code	Colour	Fill	Barcode	UFI
BDSANXWH	White	310ml	5060021367334	DC90-G0WS-700W-54F3
BDSANXCL	Clear	310ml	5060021367365	DC90-G0WS-700W-54F3
BDSANXGR	Grey	310ml	5056437400239	DC90-G0WS-700W-54F3
BDSANXBL	Black	310ml	5056437402455	DC90-G0WS-700W-54F3
BDSANXMGY	Manhattan Grey	310ml	5056437402432	DC90-G0WS-700W-54F3



Part of the Bond It Silicone & Sealants Range

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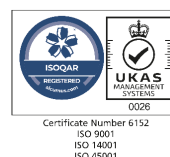
DoP: BDSANX
NB: 2538

DoP: BDSANX
NB: 0757

Façade sealant for exterior and interior use.
Sanitary Sealant.

Reaction to fire	E
Release of chemicals	None
Elastic Recovery	≥70%
Resistance to flow	< 3mm
Loss of volume	NPD
Adhesion / cohesion after water immersion	≥25%
Adhesion / cohesion at maintained extension	NF
Adhesion / cohesion at variable temperature	NF
Secant Modulus @ +23°C	≤0.4N/mm ²
Secant Modulus @ -20°C	≤0.6N/mm ²
Tensile properties at maintained extension	NF
Durability	Pass
Microbiological growth	S1

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.



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