GP200

General-Purpose Silicone Sealant for Multi-Use Applications

Technical Data Sheet

TRADE SILICONE RANGE

CLASS
EN15651-1,3; F EXT-INT; S1

Description:
Multi-purpose, high modulus, acetoxy cure silicone sealant with fungicide, suitable for most sealing jobs around the home. Conforms to BS EN 15651-1,3:2012.

Features & Benefits:

- ***Contains fungicide.***
- ***Mould resistant.***
- ***Fast setting.***
- ***For interior and exterior use.***
- ***Permanently flexible.***

Uses

Bond It GP200 is suitable for sealing and waterproofing in areas of high humidity. It has excellent adhesion to glass, glazed surfaces, ceramic tiles, many plastics and most paints.

It is ideal for the following applications - kitchen work tops, bathrooms, showers, utility rooms and general DIY applications.

Limitations

Where bare ferrous metals, brass copper, lead, aluminium or zinc cannot be primed, use Bond It ULTI-MATE silicone sealant. Do not use on surfaces where water can penetrate through porous materials to bond interface without first carrying out remedial work. Not suitable for fixing of mirrors or sealing natural marble. Notsuitable for use on bitumen or asphalt. White and trans may yellow in colour over time if exposed to direct sunlight.

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. All cements, concretes and bare metal surfaces should be primed prior to the application of the silicone. Timber should be primed and painted.

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. Tool using a stick, plastic spatula or Bond It SEALANT APPLICATOR TOOL wetted with soapy water. Do not apply to wet surfaces, although wetting immediately afterwards will not have any adverse effects. Tools can be cleaned in Bond It WHITE SPIRIT or MULTI-WIPES prior to curing taking place.

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.

Coverage

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

Colour

GP200 comes in 5 colours: white, black, translucent, grey and brown.

Size

EU3 plastic cartridge and 400ml foils in white & trans.

Shelf Life

Minimum 12 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

Tooling Time	5-10 minutes
Skin Time	Less than 30 minutes
Cure Time	1-2mm per day
Application Temperature	+5°C to +30°C
Service Temperature	-40°C to +100°C
Tensile Strength	1.11N/mm^2
Elongation At Break	150% UV Resistance
UV Resistance	Excellent
Ozone Resistance	Excellent
Density	0.95g/cm^3
Commodity Code	3214101010

Product / Order Details

Code	Colour	Fill	Barcode	UFI
BDSVBR	Brown	275ml	5060021361493	V480-E086-X00Y-W6ER
BDSVWH	White	275ml	5060021361516	V480-E086-X00Y-W6ER
BDSVT	Translucent	275ml	5060021361509	V480-E086-X00Y-W6ER
BDSVBL	Black	275ml	5060021368188	V480-E086-X00Y-W6ER
BDSVGY	Grey	275ml	5056437402189	V480-E086-X00Y-W6ER
BDSV4WH	White	400ml	5056437402516	V480-E086-X00Y-W6ER
BDSV4T	Translucent	400ml	5056437402523	V480-E086-X00Y-W6ER

Part of the Bond It Silicone & Sealants Range

UK CA 23 | CE 23

BOND IT
H4 Premier Way, Elland. HX5 9HF. UK

EN15651-1,3:2012
F EXT- INT, S1

DoP: BDSV	DoP: BDSV
NB: 2538	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 tmperature	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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Head Office: Unit H4, Premier Way, Lowfields Business Park, Elland, West Yorkshire. HX5 9HF.
Telephone: +44 (0)1422 315300 **Email:** salesuk@bonditgroup.com
EU Office: SISL (Bond It) Ireland Limited, 70 Sir John Rogerson's Quay, Dublin 2. **Tel:** +353 1 960 9411
Website: www.bonditgroup.com

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