



SEAL PRO

Low Modulus Hybrid Universal Sanitary Sealant & Adhesive

Technical Data Sheet



PRO RANGE OF (HYBRID) SEALANTS & ADHESIVES

CLASS
EN15651-1,3: F EXT-INT
25LM XS1 CC

Description:

A one part, high quality, low modulus, sealing material with an added biocide, based on advanced hybrid polymer technology.

Features & Benefits:

- ◆ Solvent-free & low odour.
- ◆ Mould resistant.
- ◆ Easy to tool and finish.
- ◆ Can be overpainted with water-based paints.
- ◆ UV resistant.
- ◆ Quick curing.
- ◆ Contains no isocyanates, solvents, silicone and phthalates.
- ◆ Excellent adhesion to most surfaces (even moist surfaces).
- ◆ For sealing and bonding interior and exterior applications.
- ◆ Very low emissions.

Uses

Contains a powerful anti-bacterial and mould resistant formula, designed especially for applications in areas of increased humidity, such as bathrooms and kitchens. Suitable for aluminium, metal, uPVC, glass, glazed ceramics, lacquered wood, brickwork, concrete, and most plastic (except PP, PE and PTFE). Can be used both indoor and outdoor and provides long term weather resistance and UV stability.

SEAL PRO is also a universal adhesive which bonds to most substrates and can be used on damp surfaces.

Limitations

Can be used on damp, but not saturated surfaces. Over paintable with water-based paints only, test on a small, inconspicuous area first.

Do not use on surfaces that bleed oils or plasticisers (such as bitumen) or use on natural stone without the use of a primer. Pre-stressed PMMA and Polycarbonate (PC) could result in stress cracking of the plastic. Conduct preliminary tests for these substrates.

Preparation

Ensure all surfaces are clean and free from grease, oil or any other contaminants that may hinder adhesion. Surfaces may be moist but not overly saturated with water.

Application

Carefully cut the top of the cartridge taking care not to damage the threaded area. Screw on the nozzle supplied and cut at an

angle approximately 45°. Apply, using a standard caulking gun, in a continuous bead along the aperture and leave to fully cure. Smooth the joint by tooling with a soapy solution or using a SEALANT APPLICATOR TOOL. Remove any excess material and clean tools with Bond It WHITE SPIRIT or MULTI-WIPES prior to curing taking place. Cured adhesive must be removed mechanically. Replace plastic cap after use.



Coverage

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

Colour

Available in white and manhattan grey.

Size

EU3 plastic cartridge.

Shelf Life

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

Storage Conditions

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

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 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.

Specification Summary

Tooling Time	5-10 minutes
Skin Time (at +23°C and 50%RH)	Min 22 minutes +/-5
Full Cure Time (+23°C / 50%RH)	ca. 2mm depth per day
Application Temperature	+0°C to +40°C
Service Temperature	-30°C to +95°C
Shore A Hardness	25+/-5
Tensile Strength (DIN EN ISO 527-2)	0.95 N/mm ²
Elongation At Break (DIN EN ISO 527-2)	500%
Movement Capability	25%
Modulus 100% (DIN EN ISO 527-2)	0.4 M/mm ²
Volume Shrinkage (DIN EN ISO 10563)	>70%
Elastic Recovery (DIN EN ISO 7389-B)	<5%
Density	1.40+0.02g/cm ³
Commodity Code	3214900000



Product / Order Details

Code	Colour	Fill	Barcode	UFI
BDSPROWH	White	285ml	5056437401724	1V90-J025-3002-4KNG
BDSPROMGR	Manhattan Grey	285ml	5056437401915	1V90-J025-3002-4KNG



Part of the Bond It Pro Hybrid Sealant & Adhesive Range

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DoP: BDSPRO
NB: 1023

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Façade sealant for interior and exterior use.
Sealant for sanitary joints.

Reaction to fire	E
Release of chemicals	Evaluated
Stability under load	< 3mm
Loss of volume	<5%
Tensile properties after water immersion	Pass
Durability	Pass
Microbiological growth	XS1

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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ISO 9001
ISO 14001
ISO 45001

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