



GRIPBOND PRO

Advanced Modified Polymer High Tack Construction Adhesive & Sealant

Technical Data Sheet



PRO RANGE OF (HYBRID) SEALANTS & ADHESIVES

CLASS
EN15651-1: F EXT-INT

Description:

A one part, high quality, high modulus sealing and bonding material based on advanced hybrid polymer technology. A totally neutral "hybrid" sealant for use in areas requiring a tough elastic rubber joint or as an adhesive with superior bonding strength. Conforms to EN 15651-1:2012.

Features & Benefits:

- ♦ *High modulus, remains permanently flexible.*
- ♦ *For sealing and bonding interior and exterior applications in all weather conditions.*
- ♦ *Can be overpainted with waterbased paints.*
- ♦ *Non-shrinking.*
- ♦ *Contains no isocyanates, solvents, silicone and phthalates.*
- ♦ *Rapid curing.*
- ♦ *Excellent adhesion to most surfaces (even moist surfaces).*
- ♦ *Wet on wet application.*
- ♦ *No odour.*



Uses

Bond It GRIPBOND PRO can be used:

- For filling and sealing of connecting joints, cracks, holes, etc in the building sector.
- For bonding metal to metal (can absorb vibration).
- As a universal waterproof construction adhesive for bonding concrete, mirrors (note: not suitable for plastic backed/safety mirrors), gypsum board, polycarbonates, polystyrene, PVC, many plastics, ceramics, copper, lead, zinc, aluminium, stainless steel, wood and glass. We recommend that test areas be carried out prior to application to ensure compatibility of materials.

Limitations

This product is not recommended for use with expansion joints or for installations where the joints are continually immersed in water. Note: if allowed to cure in dark conditions or poor light the product may yellow. This product is not for use in aquariums. Note: not suitable for use on LSE plastics such as PE, PP and PTFE.

This product may cause staining on marble and other stone surfaces. This can be avoided by using a sealer prior to application of GRIPBOND PRO.

Do not use for bedding in double glazed units, for this application we would recommend our LN7 silicone.

Do not use on surfaces that bleed oils or plasticisers.

Paintability: as quality and type of paint can vary, always test



compatibility before use but we only recommend use of water-based paints with this product.

Any mirror made with 6mm glass or thicker needs mechanical fixing. Any mirror on a sloping wall or ceiling must have mechanical fixings. Any mirror greater than 1m² must have mechanical fixings.

Preparation

Ensure all surfaces are clean and free from grease, oil or any other contaminants that may hinder adhesion.

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 sealant gun.

As an adhesive: apply in beads or strips and bond the surfaces together carefully and allow to cure.

As a sealant: apply in a continuous bead along the aperture and leave to fully cure. Smooth the joint by tooling with a soapy solution using Bond It 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, crystal clear, grey, oak and black.

Size

EU3 plastic cartridge.

Shelf Life

Clear: Minimum 12 months.

Colours: 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.

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	approx 10 minutes
Full Cure Time	2.5mm per day
Application Temperature	+5°C to +40°C
Service Temperature	-30°C to +95°C
Shore A Hardness (DIN 53505)	45+/-4
Tensile Strength	1.9N/mm ²
Elongation At Break	60%
Density	1.5g/cm ³
Commodity Code	3214900000

Product / Order Details

Code	Colour	Fill	Barcode	UFI
BDMSPWH	White	285ml	5060021364784	6030-10UD-K008-7VHD
BDMSPCL	Crystal Clear	285ml	5060021364944	6030-10UD-K008-7VHD
BDMSPBL	Black	285ml	5060021364883	6030-10UD-K008-7VHD
BDMSPGR	Grey	285ml	5060021364876	6030-10UD-K008-7VHD
BDMSPBR	Oak	285ml	5056437401731	6030-10UD-K008-7VHD
BDMSPWH6	White	600ml	5056437401236	6030-10UD-K008-7VHD



Part of the Bond It Pro Hybrid Sealant & Adhesive Range

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EN15651-1: 2012 F EXT - INT

DoP: BDMSP
NB: 2538

DoP: BDMSP
NB: 0757

Façade sealant for interior and exterior use.

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

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

Version 14: Updated 19/02/25
Supercedes: V13 05/10/24

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