



Technical Data Sheet

Bondloc B3286 Low Surface Energy Bonder

PRODUCT DESCRIPTION

B3286 is a high viscosity, 1:1 ratio, two component modified methacrylate structural adhesive system. B3286 has been designed to produce high strength rigid bonds on low surface energy substrates such as PP (polypropylene), PE (polyethylene) and other difficult to bond plastics and thermoplastics polyolefins (TPO). B3286 has a short open time, working time is 3 - 5 minutes, and the product will achieve a high level of handling strength around 125 minutes (but can be handled after 25 minutes for light duty). B3286 when cured displays excellent resistance to moderate acids and bases (pH3-10). Hydrocarbons and salt solutions.

APPLICATIONS

B3286 is suitable for bonding PP'S Acrylics, ABS, GRP, UPVC, Polyesters, Polyurethane's, Polystyrenes, Polyvinylesters and steels (Anti corrosion treatment and priming may be necessary on some steels).

USEFUL HINTS/NOTES

- Toughened acrylic
- Bonds PE & PP Plastic
- 3-5 minute work life

INSTRUCTIONS FOR USE

- Clean and dry surfaces to be bonded.
- Apply the adhesive, mate the substrates within the work life of the adhesive; 3-5 minutes for one sided applications
- The bonded surfaces should be held in place or clamped for at least 2 hours.

STORAGE

Shelf life 6 months when stored unopened at the recommended temperature between 5 - 8°C. Short periods of higher temperatures (up to 30°C) will shorten shelf life. Do not freeze. Allow product to reach room temperature before use.

TECHNICAL FEATURES

	Adhesive	Activator
Colour	Off White	Clear
Viscosity	150,000 – 200,000 cps	130,000 – 150,000 cps
Shelf Life	6 months at 5 - 8°C	
Storage	5 - 8°C	
Working Time	3 - 5 mins	
Full Cure Time @ 23°C	8 – 24 hours	
Handling Time	25 – 125 minutes	

TYPICAL BOND CHARACTERISTICS

Property	Typical Value
Tensile Strength	21 – 23 MPa
Tensile Modulus	1300-1500 MPa
Tensile Elongation	4%

HEALTH & SAFETY

This technical information sheet does not constitute a Safety Data Sheet (SDS). Before using this product ensure you have read and fully understood this products SDS

PACKAGING FORMAT

Cartridge.....50ml

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PRECAUTIONS: This product and the auxiliary materials normally combined with it are capable of producing adverse health effects ranging from minor skin irritation to serious systemic effects. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Safety Data Sheets (SDS) for this and all other products being used are understood by all persons who will work with the product. **Warranty:** All products purchased from or supplied by Bondloc are subject to terms and conditions set out in the contract. Bondloc warrants only that its product will meet those specifications designated as such herein or in other publications. All other information supplied by Bondloc is consider accurate but are furnished upon the express condition the customer shall make its own assessment to determine the product's suitability for a particular purpose. Bondloc makes no other warranty, either express or implied, including those regarding such other information, the data upon which the same is based, or the results to be obtained from the use thereof; that any product shall be merchantable or fit for any particular purpose; or that the use of such other information or product will not infringe any patent.

