

Technical Data Sheet

B3290 STRUCTURAL BONDER

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BARNWELL

THE SEAL OF APPROVAL

B3290 STRUCTURAL BONDER

PRODUCT DESCRIPTION

B3290 Clear is a 2-part fast curing structural bonding adhesive based on Methyl methacrylate. B3290 Clear bonds and fillets are crystal clear making it ideal for applications with a cosmetic element such as sign-making.

RECOMENDED SUBSTRATES

- Vinyl
- PVC & Polycarbonates
- Aluminium
- Carbon & Stainless steel
- ABS & Acrylics
- Styrenics
- Gelcoats
- FRP
- Polyesters
- Urethanes

CHEMICAL RESISTANCE

Excellent Resistance to:

- Acids and Bases (3-10pH)
- Hydrocarbon solvents

Susceptible to:

- Polar Solvents
- Strong Acids and Bases

TECHNICAL FEATURES

	Resin	Hardener
Viscosity (cps) @ 25°C	16,000 - 20,000	15,000 - 20,000
Density (g/cm ²)	1.00	1.00
Mix Ratio	1	1
Working Time	1 - 2 mins	
Fixture Time	3-4 mins	
Operating Temp	-50°C - 120°C	
Gap Filling	1mm - 5mm	
Flash Point	< 10°C	
Mixed Density	1.00	
Tensile Strength	13-17	
Lap Shear Strength	15-21	

STORAGE

Store product in the unopened cartridge in a dry location out of direct sunlight. Ideal storage temp 8°C to 21°C.

PRESENTATION

Cartridge.....28ml, 50ml, 400ml

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 Material Safety Data Sheets (MSDS) 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 nor infringe any patent.