

Technical Data Sheet:

Everbond Contact Adhesives

Spray : Brush / Scraper : Gel : Polystyrene

DESCRIPTION

Everbond Contact Adhesives have been designed specifically for use in the Kitchen, Shopfitting and Construction Industries for the bonding of a wide range of porous and non-porous materials such as metals, laminated plastics, plywood, particle board and MDF board without the need for clamps or presses.

SPECIFICATIONS

SPRAY GRADES

Everbond SP230 & SP220 (Red or Natural)
High quality spray grades for **laminating**. For general laminating or urethane foam building applications Good heat resistance.
Solids 18% +- 2%. Drying time 3-5 minutes.

Everbond Styrobond ST

Specially designed for uses involving polystyrene foam to hardboard, aluminium, etc. This product has no detrimental effect when sprayed onto polystyrene foam and is ideal for insulation applications.
Solids 25% +-2%. Drying time 4-6 minutes

BRUSH SCRAPER

Everbond Contact BS (natural) brush/scraper
Medium viscosity, high solids general purpose construction grade suitable for use with brush or scraper.
Solids 28 +- 2%. Drying time 5-10 minutes

GEL GRADE

Everbond Gel Contact (natural)
Gel contact, construction grade for use with scraper applicator.
Drying time 5-10 minutes.

METHODS OF USE

Surfaces should be clean and dry. Grease, oil, dust etc., should be removed. Metals should be wiped clean with solvent for maximum bond strength.

Apply a liberal, even coat to both surfaces and allow to dry. When dry, bring surfaces together and apply pressure with a wooden block and mallet, small hand roller, or mechanical nip-roller.

Porous surfaces will require a heavier coat than non-porous surfaces, but average coverage of 1.5 m² of bonded area (i.e. two surfaces) per litre can be expected using a brush, scraper or roller and 2.5 m² of bonded area per litre using a spray application.

Spray Pattern and Equipment:

The spray should be directed to each surface from a distance of approx. 20-30 cm and evenly applied to each surface. Uneven spray pattern will render a weak bond, under most conditions. Spray guns and compressor units should be capable of spraying at 450-850 KPa on a sustained basis.

Pressure:

Pressure should be applied by use of mechanical nip-rollers with a minimum pressure of 700 Kg /m². Pressure by hand rollers, rubber mallets or wooden block should be sufficient to be sure edge strips and difficult to lay laminates do not lift or curl under varying atmospheric conditions. In the case of difficult laminates lifting, pressure by G Clamps or Sash Clamps should be used though the bonding period.

DRYING TIME

The drying time quoted is the minimum time after spreading at which the surfaces should be combined at 21°C and average humidity. Low temperatures below 18°C, accompanied by high humidity, may give rise to faulty bonds due to condensation of moisture, and should be avoided. It is particularly important when combining two non-porous surfaces, that the films are completely dry, as trapped solvent will affect the strength and heat resistance.

HEAT RESISTANCE

The actual result for heat resistance depends on the test method used. All products listed below have heat resistance figures in excess of 120°C when tested to Australian Standard 1937.4 1977.

THINNERS

The adhesive supplied is ready for use and should not require thinning. However if required for special purpose, use **Everbond Contact Thinners**. Do not use CONTACT ADHESIVE CLEANER. as thinners.

CLEANING EQUIPMENT

Clean equipment as soon as possible with Contact Adhesive Cleaner

STORAGE STABILITY

Minimum of 6 months in cool dry conditions. Keep containers closed when not in use.

SAFETY DIRECTIONS

1. Avoid contact with skin and eyes, Avoid breathing vapour or mist, Use in well ventilated area
2. Harmful if swallowed. Keep out of the reach of children.
3. No smoking. Keep away from fire or heat.
4. Use only with flameproof electrical equipment.

Warning: FLAMMABLE.

FIRST AID DIRECTIONS

1. If poisoning occurs, contact doctor or Poisons Information Centre.
2. If swallowed. do NOT induce vomiting. Give a glass of water. Seek medical advice.

GUARANTEE/WARRANTY:

We warrant our product to be free of defects and manufactured to rigid quality control specifications. As it is impossible to control the use and application of the products, the company's liability is limited to the replacement of such quantities of product as are proven to be defective. The company disclaims any claims

for repainting or other labour resulting from the use of the product. No responsibility is assumed for consequential damages arising from the use of the product. All other warranties including (merchantability or fitness for purpose are excluded. No representative is authorised to grant any warranty or waive this limitation of liability. All claims concerning must be made within twelve (12) months of shipment. Absence of such claim in writing during this period will constitute a waiver of all claims with respect to such product.

Adequate Tests: The information contained in this bulletin we believe is correct to the best of our knowledge and tests. The recommendations and suggestions contained herein are made without guarantee or representation as to the results. We recommend that adequate tests be made in your laboratory or plant to determine if this product meets all your requirements.

Adheseal 2 / 8 Harvton St Stafford Qld 4053

Ph. (07) 3356 0000 Fax (07) 3356 0005

A.C.N. 010 441 013