

Technical Data Sheet

PANEL BONDER – SPRAYABLE CONTACT ADHESIVE

Panel Bonder is a versatile, high performance industrial contact adhesive; the product is water resistant with a high temperature resistance. Panel Bonder is designed for bonding decorative laminates to particle board but may also be used on a wide range of other substrates including veneers, wood, plastics, fibreglass, rubber, polythene, acrylic, concrete, metal, fabric, upholstery and a whole host of other materials. The bulk aerosol system reduces application cost by saving time and material.

Ease of Application:

Self Contained Maintenance Free System
Fast Tack
Strong Bond
Water Resistant
High Temperature Stability (85°C)
Low Odour
Non Flammable
No Ozone Depleting Substances
Available In Refillable or Disposable Canisters
Chemical Name Sprayable Contact Adhesive
Appearance Clear or Red Liquid
Glue % Solids 28 - 34%
Specific Gravity 1.19 + 0.02
Shear Adhesion 100psi
Failure Temperature 85°C
Coverage 152ms per Kg
Shelf Life 1 Year Unopened

Application:

All surfaces to be bonded should be conditioned at room temperature prior to fabrication. Surfaces should be dry, clean, grease and dust free.

Hold the gun parallel to the work surface applying a generous coat of adhesive, the perfect bond will result in 80-100% coverage. Do not allow the adhesive to puddle or concentrate in one area. Double coating is recommended on edges of worktops and porous surfaces ensure the first coat is dry before applying the second.

Where ever possible spray one surface vertically and the other horizontally.

It is important to remember that Panel Bonder is a contact adhesive and forms its bond by sticking to itself, there must be adhesive on both surfaces to allow this to happen. Allow the adhesive to tack up, it is ready to bond when dry to touch with no transference to the finger. Bring the surfaces together using a J-roller, uniform pressure of 50-70lbs per linear inch is recommended.

Note: Panel Bonder dries in 2 minutes under normal conditions, high humidity and low temperature will slow the drying time. Never bring the two surfaces together prematurely as solvent will be trapped causing bubbles over time.

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