

## TIMBATECH 016 SPRAYABLE CONTACT LAMINATE ADHESIVE RED

### DESCRIPTION

TimbaTech 016 is a sprayable solvent based contact adhesive which offers a high strength heat-resistant bond that is resistant to water, many household chemicals and the effect of ageing.

It is designed for use in the furniture and building trade for bonding a wide range of surfaces such as fabric backed plastics, plywood, particleboard, MDF, wood veneer, plasterboard, laminated plastics, aluminium, mild steel, galvanised iron and polyurethane foam without the need for clamps or mechanical support. It is used in the manufacture of counter tops, table tops, desk tops, vanities, furniture, sandwich panels, doors, cabinets, partitions, wall panels and other laminated products.

### SURFACE PREPARATION

Surfaces must be clean, dry and free from oil and dust. Wipe metal surfaces with solvent to remove oil often found on metal.

### APPLICATION INSTRUCTIONS

TimbaTech 016 can be applied using conventional air-spray equipment.

Spray adhesive to both surfaces to be bonded. Apply adhesive to approximately 80% coverage over the entire area, half in a north-south spray pattern and half east-west. Apply additional adhesive to edges or areas that will be post-formed to achieve 100% coverage.

Allow surfaces to dry before bonding. This will take 5-10 minutes when cold spray equipment is used. A longer drying time may be necessary under high humidity conditions. When dry, the adhesive will feel tacky, but will not transfer to the finger when touched.

Surfaces should be joined within 30 minutes after application. If the surfaces are not joined within this time, they can be re-activated by applying another coat of adhesive.

Combining the surfaces with a minimum of 276 Kpa (40PSI) bond pressure is suggested for best results. A pinch roller or rotary press is recommended. If not available, use a 75mm rubber hand roller and apply pressure from the centre toward edges to avoid air pockets and bubbles. Do not use so much pressure as to crush core materials.

### PROPERTIES

<b>Colour</b>	Red
<b>Solids Content</b>	Approx 17.5%
<b>Viscosity</b>	Approx. 300cps
<b>Tack Up Time</b>	10 – 15 mins @ 20°C
<b>Open Time</b>	Up to 30 mins @ 20°C

<b>Water Resistance:</b>	Good but not for continuous immersion
<b>Solvent Resistance</b>	Good to oil and petrol but will not withstand immersion.
<b>Heat Resistance</b>	140°C (AS1937.4)
<b>Service Temperature Range:</b>	-40°C to +100°C

#### COVERAGE

Up to 10m<sup>2</sup> per litre on one surface

#### LIMITATIONS

- Do not use on copper or highly reactive metals
- Do not use on expanded polystyrene foam
- Not suitable for polyethylene or polypropylene plastics
- Unsuitable for unbacked PVC, Leather or Vinyls.
- May cause staining on light coloured PVC/Vinyl stocks.
- Not suitable for load bearing applications

#### CLEAN UP

Use [TimbaTech 019 Contact Cleaner/Thinner](#) to clean up equipment and excessive adhesive. [TimbaTech 019](#) is NOT recommended for removing adhesive from vinyl or lacquered surfaces.

#### STORAGE AND HANDLING

Store in a cool, dry place, out of direct sunlight and away from all sources of ignition. Storage areas must be well ventilated and comply with Local, State and Federal regulations. For maximum shelf life, store between 5°C and 20° C.

#### STORAGE LIFE

Shelf life is up to 12 months when stored in original, unopened containers, under the above conditions.

#### PACKAGING

Available in 20L and 200L containers

#### HEALTH AND SAFETY

Please refer to Material Safety Data Sheet available on our Website [www.timbatechsolutions.com](http://www.timbatechsolutions.com)  
The solvents contained within this product are Highly Flammable.

#### OTHER TECHNICAL INFORMATION SPECIFIC TO THIS ADHESIVE

Adequate tests should be carried out on any new or unfamiliar applications to ensure this product is suitable for the specific task.

Samples are available free of charge to assist this procedure.

Material Safety Data Sheet available on request.

*Disclaimer – The statements made herein are based on our experience gained to date. They are to be considered as information without obligation. Please test and establish for yourself our product's suitability for your particular purposes. No liability exceeding the value of our product can be derived from the foregoing statements. This also applies to the technical advisory service, which is rendered free of charge and without obligation*