

Sprayable Contact Adhesive

Trade Essentials Sprayable Contact Adhesive, available in red or clear, is a sprayable solvent based contact adhesive which offers a high strength heat-resistant bond that is resistant to water and 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.



TYPICAL PROPERTIES

Colour:	Sprayable Contact Adhesive - Red Sprayable Contact Adhesive - Clear
Bonding Range:	Up to 30 mins
Heat Resistance:	140°C (AS1937.4)
Solids:	17.5% approx. (sprayable grade)
Viscosity:	300cps approx. (sprayable grade)
Specific Gravity:	0.86kg/ltr approx.
Coverage:	6-8m ² per litre for total area
ASW:	700485 (20L), red 700486 (200L), red 700483 (20L), clear 705401 (200L), clear

SURFACE PREPARATION

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

APPLICATION

Sprayable Contact adhesives are used in the manufacture of counter tops, table tops, desk tops, vanities, furniture, sandwich panels, doors, cabinets, partitions, wall panels and other laminated products. It is NOT suitable for bonding polystyrene, solid polypropylene, polyethylene, copper, copper alloys, exterior applications or load bearing joints.

Sprayable Contact adhesives can be applied using conventional air-spray equipment. Best results can be achieved using a pressure pot system. 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. Maximum curing occurs after 7 days.

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.

Caution

Highly Flammable - use in a ventilated area away from flame or sparks. Store in a cool, dry place.

Note: The two most common causes of laminate to board bond failure are:

1. Not enough pressure applied when bonding.
2. Adhesive coating too thin. Red Sprayable Contact Adhesive minimises operator error in this regard.

Equipment and adhesive spills can be cleaned with Trade Essentials Adhesive Cleaner.

Note: Solvent is not recommended for removing adhesive from vinyl or lacquered surfaces.

Please read the material Safety Data Sheet for this product before it is used.

Adhesive Selection Guide

Section 8:11

Safety & Usage Recommendations for Contact Adhesives

Appendix 4 Safety & Usage
Section 9:4