

TUSKBOND



FD170

Fast Drying Sprayable Adhesive

TECHNICAL DATA SHEET

- Dichloromethane Free • Designed For Bonding Polystyrene
- Fast Easy Application • Very Fast Drying • High Solids
- Low Odour • Long Open Time • Bonds A Wide Variety Of Substrates

DESCRIPTION:

Tuskbond FD170 is designed for bonding polystyrene to itself and various substrates including mdf, chipboard, plywood and other timber sheet materials. It will also bond to most common building materials such as plasterboard, aluminum, concrete, brickwork and steel.

Do not use on flexible PVC.

TECHNICAL SPECIFICATION:

PROPERTY	TUSKBOND FD170
Solvent	Hydrocarbon
Propellant	Hydrocarbon
Solids Content (approx)	35%
Spray Pattern	Web
Colour	Clear
Coverage (13kg canister)	~ 105m ²
VOC	565g
Heat Resistance (SAFT)	71°C
Available Sizes	13kg, 65kg



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DIRECTIONS FOR USE:

- **USE IN A WELL VENTILATED AREA**
- Surfaces to be bonded should be clean, dry and free from dust and grease.
- Substrates should be conditioned before assembly.
- Condition for 48 hours at 20°C with a relative humidity of 45-55%. Air should be able to circulate freely around the components.
- Connect the hose to the canister and the spray gun to the hose and tighten the connections.
- Open the valve on the canister. The valve should remain open until the canister is used up. Use the locking nut on the gun after use. Turning off the valve will result in the adhesive drying in the hose and gun causing blockages
- Hold the spray gun at 90° to the surface and apply a uniform generous coat of adhesive, ensuring 80-100% coverage.
- Move the gun in parallel to the surface and pay particular attention to the edges.
- Allow the solvent to evaporate and the adhesive to tack up. The adhesive should be protected from contamination whilst this happens.
- Carefully position the two substrates. Once brought together an aggressive bond will rapidly form.
- Apply a uniform pressure over the work piece, starting in the middle and working outwards.
- Whilst Tuskbond FD170 forms a very strong initial bond, a full cure will take up to 24 hours

LIMITATIONS

Tuskbond FD170 dries in two minutes under normal conditions, but this will vary under different temperatures and humidity's. High humidity and low temperatures will slow the drying time and if the temperature gets very low, can produce bloom. Bloom is moisture which forms on the glue line caused by solvent evaporation lowering the air temperature above it.

STORAGE & SHELF LIFE:

Protect from extremes of temperature in a controlled environment between 15 and 35°C, and away from direct sunlight. Do not stand on a cold concrete floor. Low temperatures can result in irreparable separation of the adhesive. If the adhesive sprays like a jet, the canister is too cold. Warm to at least 10°C before using.

DO NOT ALLOW THE PRODUCT TO FREEZE

Stored under the correct conditions, in original, unopened containers, the product will have a shelf life of 12 months.

DISCLAIMER:

All the information in the Data Sheet is based on practical experience and is published in good faith. However, because we have no control over the manner or conditions in which our products are used, or over work undertaken or end product manufactured by the purchaser, we cannot accept liability for results. Responsibility for ascertaining the suitability of products for his purposes rests with the purchaser. All conditions, representations, statements, warranties or guarantees whatsoever, whether express, implied or statutory, in respect of any goods manufactured, sold or supplied by us are hereby expressly excluded and we accept no liability in respect of any claim for damage or consequential loss caused to any property arising directly or indirectly out of the use of our products or goods.