

TUSKBOND

XPRO

TECHNICAL DATA SHEET

Next Generation Contact Adhesive

TUSKBOND XPRO is a next generation spray adhesive with low hazard to human health due to its low toxicity, as well as providing minimal impact to the environment. XPRO's advantages are high bond strength, high heat resistance and a fast drying time. XPRO bonds a wide variety of substrates, including wood, metals, rubber, fabric, most plastics, cardboard, polythene and concrete, as well as decorative laminates. It is ideal for permanent bonds that require good initial bond strength and provides good temperature resistance. If protected from contamination XPRO will have an open time of several hours. Do not use on flexible PVC or expanded polystyrene.

- **Innovative Solvent Technology**
- **Safer Formulation**
- **Instant Strong Bonds**



Technical Info

Heat Resistance

Drying Time

Open Time

60mins

1-2mins

100°C



Developed for:



Decorative Laminates



High Pressure Laminates



Timber Core



Metals



Certain Plastics

Coverage:



22l
100m²



110l
500m²



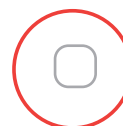
500ml
2.2m²

Solids Content:



28%

Colour:



Colourless

Spray Pattern:



Web

TUSKBOND



XPR0

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DIRECTIONS FOR USE

CANISTER

Surfaces to be bonded should be clean, dry and dust free. If cleaning solvents are used, allow adequate time for drying and wipe surface with a clean cloth before applying adhesives. Fully open the valve on the canister. Hold gun at 90 degrees to the surface and apply a uniform coat of adhesive to each substrate. Spray adhesive 4-6 inches away and apply a generous even coat of adhesive. Ideal application: 4-6" bands of adhesive overlapping by 2 inches spraying one surface vertically and the other horizontally. Avoid over application. Ideal coverage 80-100%. Do not concentrate in one area or allow to puddle. On porous surfaces a second coat may be necessary (after the first coat dries apply second coat evenly). Allow adhesive to tack (approximately 2-4 minutes) to the point where it is dry to touch without transfer to finger and bring the substrates together with pressure, use a 3 inch roller starting at the centre of the piece and working out towards the edges. Use in a well ventilated area. To fit hose and gun assembly to new canister: Close valve on canister completely. Hold gun trigger open, pointing away from person, until all pressure is completely released. Disconnect the hose at valve and reconnect to a new canister. Open valve and check fittings for leaks.

AEROSOL

Surfaces should be clean, dry and free from grease, oil and dust. Hold the aerosol at approximately 70° to the surface and apply a uniform coat of adhesive, to both substrates, ensuring 80-100% coverage.

Spray one surface vertically, the other horizontally and pay particular attention to the edges. Porous substrates may require two applications.

The adhesive is ready to bond when it feels dry to the touch and does not transfer.

Drying takes approximately 1-2 minutes depending on substrates, temperature and humidity.

Bring the surfaces together and apply a uniform pressure over the work piece.

Full cure will take 24 hours. To prevent spray nozzle from blocking, at the end of each period of use, turn the can upside down and press nozzle until spray is clear of adhesive. Excess adhesive can be removed with solvent cleaner

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. Stored under the correct conditions, in original, unopened containers, the product will have a shelf life of 12 months, DO NOT ALLOW THE PRODUCT TO FREEZE

LIMITATIONS

Tuskbond XPR0 dries within two minutes under normal conditions, but this will vary under different temperatures and humidities. 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.

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 this 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.