

TUSKBOND



HH550

TECHNICAL DATA SHEET

Flexible Contact Adhesive

TUSKBOND HH550 is a multipurpose sprayable adhesive with low odour, developed to bond a wide variety of substrates. It has excellent grab, high heat resistance (up to 105°C) and a long open time.

- Flexible Glue Line Allows for Movement in the Bond
- Fast Drying
- High Heat Resistance

Technical Info

Heat Resistance

Drying Time

Open Time

60mins

2.3mins

105°C



Developed for:



Thick Laminates



Solid Surface



Timber Core



Timber Build-Ups



Flexi-Ply

Coverage:



22l
128m²



110l
640m²



500ml
2.5m²

Solids Content:



28%

Colour:



Colourless or Red

Spray Pattern:



Web

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DIRECTIONS FOR USE

CANISTER

Surfaces to be bonded should be clean, dry, grease and dust free. If cleaning solvents are used, allow adequate time for drying and wipe surface with a clean cloth before applying adhesive. Fully open the valve on the canister. Direct the gun at the surface which it is to be bonded, at a 90 degree angle. 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 a 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. Pay 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. Once the two surfaces have been brought together, an aggressive bond will be made.

Spacers can be used to ensure the surfaces do not come into contact prematurely. Full cure will take 24 hours. After use, invert can and spray until clear. Excess adhesive can be removed with a suitable solvent cleaner such as white spirit.

Important: TUSKBOND HH550 dries in under two minutes under normal conditions, but this will vary under different temperatures and humidities. High humidity, low temperatures, over spraying or pooling will slow the drying time and if the temperature gets very low can produce bloom. Bloom is moisture that 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 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.