

# TUSKBOND



## HGL100

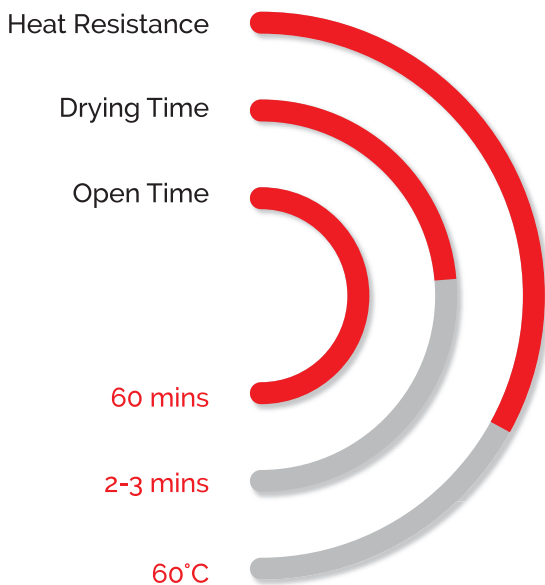
### TECHNICAL DATA SHEET

#### Mist Spray Contact Adhesive

TUSKBOND HGL100 is designed to give 100% coating on both surfaces in one pass. It has a mist/pebble type spray that makes it easy to apply. HGL100 can be used for bonding thin or high gloss laminates to various substrates including mdf, chipboard, plywood and other timber sheet materials. It will also bond to most building materials such as plasterboard, aluminium, concrete, brickwork and steel.

- Flat Glue Line Eliminates Telegraphing
- Fast Drying
- Perfect for High Gloss Laminates

### Technical Info



Developed for:



High Gloss Laminates



Very Thin Laminates



Timber Core

Coverage:



22l  
105m<sup>2</sup>



110l  
525m<sup>2</sup>



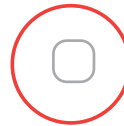
500ml  
2.2m<sup>2</sup>

Solids Content:



28%

Colour:



Colourless

Spray Pattern:



Mist

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## DIRECTIONS FOR USE

### CANISTER

Surfaces should be clean, dry and free from grease, oil and dust. Excessive dust will impair performance. Attach a suitable spray nozzle, to the spray gun. 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 coat of adhesive, to both substrates, ensuring 80-100% coverage. Spray one surface vertically the other horizontally. Pay particular attention to the edges. When the adhesive is dry to the touch it is ready for the bond to be made. Porous substrates may require two applications.

Drying takes approximately 2 minutes depending on substrates, ambient temperature and humidity. There must be sufficient adhesive on both surfaces. Allow the adhesive to tack up and protect from contamination. 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.

Once the two surfaces are brought together, apply a uniform pressure over the work piece, starting in the middle and working outwards. Use blocks or a 3 inch roller and ensure the whole piece has been worked to ensure adequate contact of the adhesive. Pay particular attention to the edges. Once assembled, the piece can be machined or trimmed as required. Full cure will take 24 hours.

### AEROSOL

Surfaces should be clean, dry and free from grease, oil and dust. Excessive dust will impair performance. Hold the aerosol at 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 particular attention to the edges. When the adhesive is dry to the touch it is ready for the bond to be made. Porous substrates may require two applications.

Drying takes approximately 2 minutes depending on substrates, ambient temperature and humidity. There must be sufficient adhesive on both surfaces. Allow the adhesive to tack up and protect from contamination. 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.

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## 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 HGL100 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.