

Tensorgrip®



L56



LOW HAZARD, HIGH TEMP LAMINATING ADHESIVE

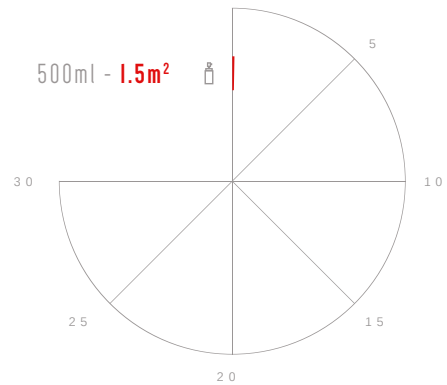
TensorGrip® L56 is a High Performance contact adhesive with a unique resin formula which creates a tough and resilient bond line between decorative surface materials and all common wood substrates whilst featuring Low Hazard Organic Solvent ensuring exposure to harmful solvents is eliminated. Suitable for bonding HPL, GRP and aluminium to a wide variety of substrates including MDF, chipboard, plywood and many other timber sheet materials. **TensorGrip® L56** has high heat resistance and A2 FR rating. NOT RECOMMENDED for use with plasticised vinyls, flexible plastics, expanded/extruded polystyrene, PE or PP.

ADVANTAGES

- Safe organic solvent.
- Versatile product for multiple applications.
- High strength bond.
- High temperature resistance.

TECH DATA

SQUARE METRE COVERAGE (m²)*:



APPLICATION:



2 sided

OPEN TIME**:



Up to 60 mins

SUITABLE FOR:



Aluminium



Standard Laminate



MDF

FLASH-OFF*:



2 - 3 mins

COLOUR:



Clear

PROPERTIES:



Web Spray



EN13501 A2 s1d0 fire rated



Organic Solvent

*consult the Spray Manual for a more detailed tutorial on the bonding process.

**depending on ambient temperature.

CHEMICAL TECHNICAL DATA


Viscosity	50 - 100
Total Solids	30%
Colour	Clear
System Flammability	Flammable adhesive in a flammable propellant
Shear	1156N
Peel	34N
Shear adhesion failure temp (SAFT) 100grams	110°C
Heat resistance (25mm/100grams)	115°C
Flash-off	2 - 3 minutes depending on temperature and humidity
Open time	Up to 60 mins
Shelf Life	18 months from date of manufacture

HANDLING & STORAGE







- Consult Safety Data Sheet prior to use.
- DO NOT expose to temperatures exceeding 50°C/122°F.
- Store at temperatures between 10°C and 25°C.
- Avoid exposing aerosol containers to high temperatures or direct sunlight.
- Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources.
- Shake well before use.
- To prevent nozzle from blocking, turn can upside down, press nozzle until spray is clear of adhesive.
- Replace cap after use to protect actuator / valve.
- Use only in a well ventilated area.
- Always test product to determine suitability for your particular application prior to use in production.

DIRECTIONS FOR USE

- This product is designed to be applied to two surfaces to be bonded together. For best results, the temperature of the adhesive and the surfaces being bonded should be between 60 °F - 80 °F (16 °C - 27 °C).
- Use with adequate ventilation.
- Prior to use, check compatibility by spraying a small test patch of the adhesive on the substrate. This product may degrade some substrates.



1. SHAKE WELL BEFORE USE.
2. Make sure that surfaces are clean, dry and free from dirt, dust, oil, loose paint, wax or grease, etc.
3. Spray about 10-20 cm (4" - 8") away at a 90° angle to the surface, applying a uniform, even coat of adhesive to obtain 80% to 100% coverage of the surface.
4. If necessary, spray another coat of adhesive in areas that appear to need more adhesive. Spray surfaces vertically and horizontally.
5. Allow 2 - 3 minutes for adhesive to tack off until no adhesive transfers to the knuckle when touched.
6. Adhere surfaces and press together with adequate pressure. Allow 24 hours for the adhesive to fully cure.
7. A roller is recommended to apply a uniform pressure to achieve maximum strength. Allow 24 hours for the adhesive to fully cure.
8. To prevent nozzle from blocking, turn can upside down press nozzle until spray is clear of adhesive. If nozzle becomes blocked, the adhesive can be removed with a solvent such as lacquer thinner or acetone.

COVERAGE

