

TensorGrip®



L46

DCM FREE PREMIUM SPRAY CONTACT ADHESIVE

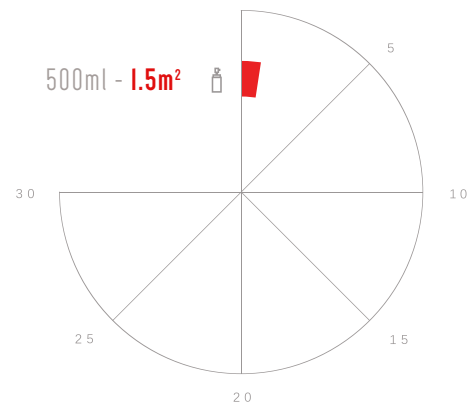
TensorGrip® L46 is a Premium Non-Chlorinated contact spray adhesive suitable for a variety of Joinery & Industrial applications including laminating, edgings, sheet metal bonding and many other materials. TensorGrip® L46 is most suited to wood-based sheet material substrates such as MDF, Ply, MFC etc... Not recommended for use on natural timber. TensorGrip® L46 achieves very high strength and high temperature resistant bonds.

ADVANTAGES

- High solids.
- Versatile product for multiple applications.
- High strength bond.
- High temperature resistance.

TECH DATA

SQUARE METRE COVERAGE (m²)*:



APPLICATION:



2 sided

FLASH-OFF*:



2 - 3 mins

OPEN TIME*:



Up to 45 mins

COLOUR:



Clear

SUITABLE FOR:



Standard Laminate



Aluminium



MDF

PROPERTIES:



Web Spray

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

*depending on ambient temperature.

CHEMICAL TECHNICAL DATA


Viscosity	900 - 1100Cps
Total Solids	32%
Colour	Clear
System Flammability	Flammable adhesive in a flammable propellant
Shear	1131N
Peel	49N
Shear adhesion failure temp (SAFT) 100grams	107°C
Heat resistance (25mm/100grams)	115°C
Flash-Off	2 - 3 minutes depending on temperature and humidity
Open time	Up to 45 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.


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1. Make sure that surfaces are clean, dry and free from dirt, dust, oil, loose paint, wax or grease, etc.
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2. 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. If necessary, spray another coat of adhesive in areas that appear to need more adhesive.
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3. Spray both surfaces to be bonded, one surface vertically and the other surface horizontally.
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4. Allow 2 - 3 minutes for the adhesive to tack off until no adhesive transfers to the knuckle when touched.
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5. Adhere surfaces and press together with adequate pressure. A roller is recommended to apply a uniform pressure to achieve maximum strength. Allow 24 hours for the adhesive to fully cure.
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6. 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

