

TensorGrip®



L21

DCM FREE GP CONTACT SPRAY ADHESIVE

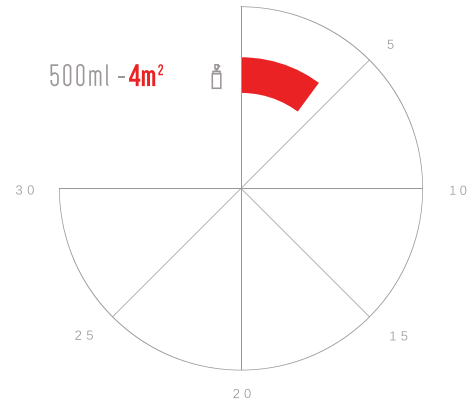
TensorGrip® L21 is suitable for bonding HPL, hard plastics, GRP, foams and fabrics to a variety of substrates, including MDF, chipboard, plywood and many other timber sheet materials. TensorGrip® L21 is designed for permanent bonding of materials where immediate bond strength, water resistance and high heat resistance are required and can also be used for bonding sheet metals, where surface preparation is very important.

ADVANTAGES

- Good Heat Resistance.
- Non-Chlorinated Adhesive.
- Easy Application Control.

TECH DATA

SQUARE METRE COVERAGE (m²)*:



APPLICATION:



FLASH-OFF*:



OPEN TIME**:



COLOUR:



SUITABLE FOR:



PROPERTIES:



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

CHEMICAL TECHNICAL DATA

Viscosity	200Cps
Total Solids	28%
Colour	Clear
System Flammability	Flammable adhesive in a flammable propellant
Shear	1046N
Peel	30N
Shear adhesion failure temp (SAFT) 100grams	> 90°C
Heat resistance (25mm/100grams)	> 90°C
Flash-Off	3 - 6 minutes depending on temperature and humidity
Open time	Up to 20 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 3 - 6 minutes for adhesive to tack off until no adhesive transfers to the knuckle when touched.



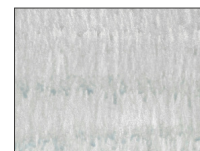
6. Adhere surfaces and press together with adequate pressure. Allow 24 hours for the adhesive to fully cure.

7. 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



COVERAGE TOO LIGHT



COVERAGE TOO HEAVY



CORRECT APPLICATION = 20 dry gms/sqm