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Tensorgrip®

L22

DCM FREE FINE WEB SPRAY ADHESIVE

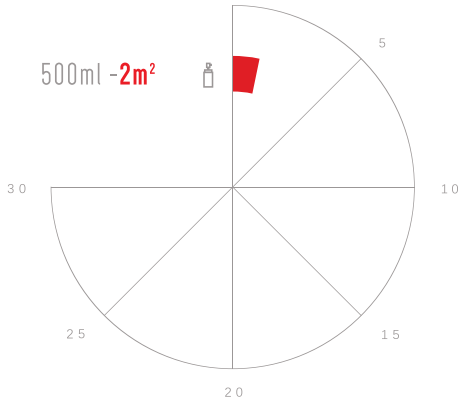
TensorGrip® L22 is a fine spray adhesive for permanent bonding of materials where immediate bond strength, water resistance and high heat resistance are required. It is suitable for bonding HPL, hard plastics, GRP, foams and fabrics to a variety of substrates including MDF, chipboard, plywood and many other timber sheet materials. The **L22** can also be used for bonding sheet metals where surface preparation is very important.

ADVANTAGES

- Fast Drying.
- Low V.O.C.
- CA Compliant.
- Good Heat Resistance 115°C.
- Very High Solids.
- Non-Chlorinated Formulation.
- Great compatibility with Low surface energy materials.

TECHDATA

SQUARE METRE COVERAGE (m^2)*:



APPLICATION:

2 sided

FLASH-OFF*:

2 - 4 mins

OPEN TIME**:

Up to 50 mins

COLOUR:

Clear

SUITABLE FOR:

- Standard Laminate
- Aluminium Sheeting
- Synthetic Leather

PROPERTIES:

- Web Spray
- CA Compliant
- Low V.O.C

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

*depending on ambient temperature.

QUIN GLOBAL ADHESIVE INNOVATORS

TENSOR A BRAND OF QUIN GLOBAL UK LTD.
Unit 1 Ruthvenfiled Avenue, Inveralmond Industrial Estate,
Perth, PH1 3WB | +44(0)1738 494 919
sales.uk@quinglobal.com | www.quinglobal.com

INVESTORS IN PEOPLE | Silver
INVESTORS IN YOUNG PEOPLE GOOD PRACTICE AWARD

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CHEMICAL TECHNICAL DATA

Viscosity	300 cP @ 20°C
Total Solids	30% - 32%
Colour	Clear
System Flammability	Flammable adhesive in flammable propellant
Shear	2374 n/50mm
90° Peel (6.25 sq.cm)	60N
Shear adhesive failure temp (SAFT) 100 gram	> 80°C
Heat resistance (25mm/100gram)	> 80°C
Flash-Off	2-4 mins
Open time	Up to 50 mins
Shelf Time	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-degree 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.

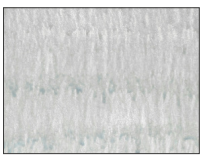
5. Allow 2 - 4 minutes for adhesive to tack off until no adhesive transfers to the knuckle when touched.

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