

# TensorGrip®

# L21

NON-MECL GP  
CONTACT SPRAY  
ADHESIVE

SUITABLE FOR:



Standard Laminate

PROPERTIES:



Web Spray

AVAILABLE IN:



500ml Aerosol



22ltr Canister



110ltr Intermediate

COLOURS:



Clear



Red

# TECHDATA

## PRODUCT DESCRIPTION

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

- Fast Drying.
- Good Heat Resistance.
- High Solids.
- Non-Chlorinated Adhesive.
- Easy Application Control.

## DIRECTIONS FOR USE

- This product is designed to be applied to two surfaces to be bonded together. Make sure that surfaces are clean, dry and free from dirt, dust, oil, loose paint, wax or grease, etc. For best results, the temperature of the adhesive and the surfaces being bonded should be between 60 °F - 80 °F (16 °C - 27 °C).
- We recommend shaking the aerosol can well before using.
- Prior to use, Check compatibility by spraying a small test patch of the adhesive on the substrate. This product may degrade some substrates. Spray about 5 - 10 cm (2" - 4") 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. Spray both surfaces to be bonded, one surface vertically and the other surface horizontally. Allow the adhesive to tack off until no adhesive transfers to the knuckle when touched.
- Adhere surfaces and press together with adequate pressure. A roller or a mallet is recommended to apply a uniform pressure to achieve maximum strength. Allow 24 hours for the adhesive to fully cure.

## SPECIAL PRECAUTIONS

- For optimum results store canister above 18°C during use, but must always be above 10°C. Allow substrates to acclimatise to normal room temperature (18°C) for 48 hours before bonding. Do not exceed open time of the adhesive. Keep canister off cold concrete floors during use. If adhesive is expelled wet or as a jet, aerosol is too cold – move to warm environment and allow to thoroughly acclimatise before reusing.
  - MSDS and Technical Data Sheets MUST be read and understood before use. Information contained in this technical literature is believed to be accurate and offered in good faith for the benefit of the consumer. The company however cannot assume any liability or risk involved in the use of its chemical products since the conditions of use are beyond our control. Statements concerning the possible use of our products are not intended as recommendations to infringe on any patent.
- CAUTION**
- Use only in well ventilated areas.
  - DO NOT thin or reactivate with solvents.
  - DO NOT incinerate.
  - DO NOT expose to extreme heat > 50°C.
  - Keep away from sources of ignition.
  - Test for suitability before use.

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## CHEMICAL TECHNICAL DATA

### TYPICAL PROPERTIES

Total Solids	28%
Colour	Clear or Red
System Flammability	Flammable adhesive in flammable propellant
Shear	> 250 p.s.i.
Tensile (180° Peel)	> 25 p.l.i.
90° Peel (6.25 sq.cm)	> 25 p.s.i.
Shear adhesion failure temp. (SAFT) 100gram	> 90°C
Dry time	1-2mins dependant on temp & humidity
Open time	60 mins
SHELF LIFE	18 months from date of manufacture

### PACKAGING

500ml	Aerosol suitable for industrial and general public use
22ltr	Disposable Canister (suitable for industrial use only)
110ltr	Disposable Canister (suitable for industrial use only)

## STORAGE

### HANDLING & STORAGE

- Consult Material Safety Data Sheet prior to use.
- DO NOT store at temperatures over 50°C.
- Avoid exposure to direct sunlight.
- DO NOT store directly on concrete floor.
- For optimum performance, store at 18°C during use, but must always be above 10°C.
- Always test product to determine suitability for your particular application prior to use in production.

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