

# TensorGrip®

# L31

MIST/PEBBLE  
FINE SPRAY ADHESIVE



LAMINATE



HGL



POSTFORMING



MIST/PEBBLE  
SPRAY

# TECHDATA

## PRODUCT DESCRIPTION

TensorGrip® L31 is suitable for bonding HPL and fabrics to a variety of substrates including MDF, chipboard, plywood and many other timber sheet materials. TensorGrip L31 is designed for permanent bonding of materials where immediate bond strength and high heat resistance are required. Suitable for many postforming applications using most types of postforming equipment.

## ADVANTAGES

- Fast Drying
- Good Heat Resistance
- High Solids
- Portable Systems
- Suitable for Post-Forming
- 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 degrees 16°C - 27°C.
- Use with adequate ventilation. When possible we recommend shaking the canister well before using. Attach and secure hose tightly onto the spray gun with required tip. Attach the other end of the hose onto the canister. Make sure the hose-valve connections are securely tight. Open the valve on the canister slowly and fully, check for leaks during this process. Unlock the trigger on the spray gun to start spraying.
- 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 10-20 cm 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. 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 is recommended to apply a uniform pressure to achieve maximum strength. Allow 24 hours for the adhesive to fully cure.
- If the spray tip clogs, unscrew the spray tip from the gun and clean with solvent such as lacquer thinner or TensorGrip S105 acetone cleaner. Do not use a pin on the spray tip orifice.

**NOT SUITABLE FOR:** Polystyrene, some Plastics, Plasticised Vinyl and Polypropylene.

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# L31

## AVAILABLE IN



AEROSOL  
500 ML



CANISTER  
22 LITRES



JUMBO  
220 LITRES

## COLOUR



CLEAR



GREEN

## CHEMICAL TECHNICAL DATA

### TYPICAL PROPERTIES

Total Solids	27% +/- 2%
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> 115°C
Dry time	1-2 mins dependant on temp & humidity
Open time	15 minutes
SHELF LIFE	18 months from date of manufacture

## 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.
- Always store above 15°C
- When connected, keep valve open and hose pressurised at all times
- Always test our adhesives to determine suitability for your particular application prior to use in production

## CANISTER STORAGE & CHANGE OVER

- Leave the valve on the canister open. Do not disconnect the hose/gun from the canister (unless changing to a new canister).
- To change or disconnect canister: turn canister valve to the off position, spray out remaining adhesive left in the hose, disconnect the spray hose and gun from the canister.
- Reconnect the spray hose to a new canister of adhesive. if you are NOT connecting to a new canister, connect hose to canister of cleaning solvent (sold separately) and spray out until liquid is clear which indicates that the hose and gun is clean.

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