

TensorGrip®

H80

WATERBASED HVAC
INSULATION SPRAY
ADHESIVE

SUITABLE FOR:



Aluminium
Sheeting



Insulation



Polystyrene



Foam

PROPERTIES:



Snowflake Spray



H.A.P.s Free



Low V.O.C.

AVAILABLE IN:



22ltr Canister

COLOURS:



Clear

TECHDATA

PRODUCT DESCRIPTION

TensorGrip® H80 is a high performance, water-based adhesive developed for bonding and laminating most insulation materials to themselves and to a variety of substrates including MDF, chipboard, plywood and many sheet metal materials. H80 is designed for permanent bonding of fibrous quilts & slab materials, such as glass wool, where good bond strength and good heat resistance are required.

ADVANTAGES

- VOC FREE.
- No odour.
- Excellent green strength and good heat resistance.
- Good drying time with long open time.
- Minimises equipment set-up and clean-up
- Completely portable in difficult work situations

DIRECTIONS FOR USE

- This product is designed to be applied to one side of the surfaces to be bonded together. However, it can be used for double sided bonding where required. 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).
- 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 (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. 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 acetone. Do not use a pin on the spray tip orifice.

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.

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- 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 over 50°C.
- Keep away from sources of ignition.
- Test for suitability before use.

CHEMICAL TECHNICAL DATA

TYPICAL PROPERTIES

Solids Content	69 - 71% +/- 2.0%
Specific Gravity	1.0
Failure Temp	> 65°C
Open time	1 hour
Colour	Clear
Flammability	Non Flammable adhesive with a flammable propellant
Dry Time	1-10 mins
Coverage	300-400m ² per 22ltr canister
Shelf Life	12 months from date of manufacture

PACKAGING

500ml	Aerosol (suitable for industrial and general public use)
5kg	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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