

TensorGrip®



H40



JOINT ADHESIVE FOR KINGSPAN KOOLDUCT PANELS

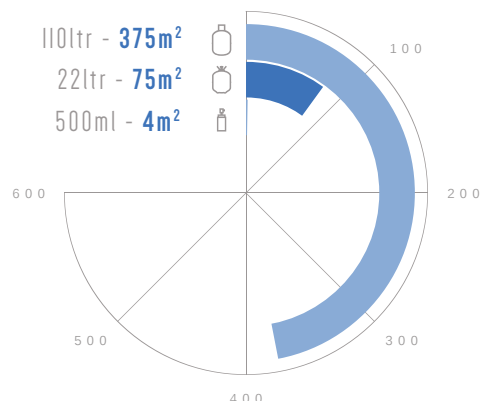
TensorGrip® H40 Joint Adhesive has been developed and proven for use in the mitre joints for the Kingspan KoolDuct System of pre-insulated ductwork. The H40 is delivered in a convenient 500ml aerosol can or a larger 22ltr canister which is used with the professional hose and gun; this method of delivery gives the user maximum portability with no external power sources required. TensorGrip® H40 provides high temperature resistance and structural stability, enduring the demanding fluctuations of temperature change on duct work applications. The tough resilient bond line and extremely user friendly application method, over against the brush, gives the user massively improved working times and efficiencies.

ADVANTAGES

- CO-REZ™ Technology (excluding 500ml aerosol)
- Fast Drying.
- Good Heat Resistance.
- Very High Solids.

TECHDATA

SQUARE METRE COVERAGE (m²):



APPLICATION:



FLASH-OFF*:



OPEN TIME*:



COLOUR:



SUITABLE FOR:



PROPERTIES:



*depending on ambient temperature

CHEMICAL TECHNICAL DATA

Viscosity	72 cps 25°C sp#2, 30r.p.m.
Total Solids	28%
Colour	Clear or Red
System Flammability	Flammable adhesive in flammable propellant
Shear	> 250 p.s.i.
Tensile (180° Peel)	> 25 p.s.i.
90° Peel (6.25 sq.cm)	> 25 p.s.i.
Shear adhesion failure temp. (SAFT) 100gram	> 115°C
Heat resistance (25mm/100gram)	115°C
Dry time	3-5 mins dependant on temp & humidity
Open time	50 mins
SHELF LIFE	18 months from date of manufacture

CANISTER STORAGE/CHANGE OVER


Turn valve on canister into 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 canister of cleaning solvent (sold separately) and spray out until liquid is clear which indicates that the hose and gun is clean. If you choose to leave the hose and spray gun on the canister, leave the valve on the canister open. Do not disconnect the hose/gun from the canister. Close and lock the spray gun.


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.
- When connected, keep valve open and hose pressurised at all times.
- DO NOT close valve until ready to connect to new cylinder.
- Release pressure in hose before disconnection.
- 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. 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.

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1. Make sure that surfaces are clean, dry and free from dirt, dust, oil, loose paint, wax or grease, etc.
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2. 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.
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3. Spray both surfaces to be bonded, one surface vertically and the other surface horizontally.
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4. Allow 2 - 3 minutes for the adhesive to tack off until no adhesive transfers to the knuckle when touched.
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5. 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.
6. 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.

COVERAGE

