

TensorGrip®

H40

KOOLDUCT JOINT
ADHESIVE



METAL/ALUMINIUM
SHEETTING



INSULATION



WEB SPRAY



CO-REZ



TECHDATA

PRODUCT DESCRIPTION

TensorGrip® H40 KoolDuct joint adhesive has been developed and proven for use in the mitre joints for the KoolDuct ducting system. 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-REZTM Technology (excluding 500ml aerosol)
- Easy Application Control
- Fast Drying
- Low VOC
- Good Heat Resistance
- Very High Solids
- Portable Systems
- Non-Chlorinated Adhesive

DIRECTIONS FOR USE

- This product is designed to be applied to both 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 16°C - 27°C.
 - Use with adequate ventilation. 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® C101 citrus cleaner. Do not use a pin on the spray tip orifice.

Tensorgrip®

H40

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ADHESIVE

AVAILABLE IN



AEROSOL
500 ML

COVERAGE
7M²



CANISTER
22 LITRES

COVERAGE
230M²



JUMBO
220 LITRES

COVERAGE
2,300M²

COLOURS



CLEAR



GREEN

CHEMICAL TECHNICAL DATA

TYPICAL PROPERTIES

Viscosity	72 cps 25°C sp#2, 30r.p.m.
Total Solids	34%
System Flammability	Flammable adhesive in flammable propellant
Shear	> 250 p.s.i
Tensile (180° Peel)	> 25 p.l.i.
Shear adhesion failure temp.	(SAFT) 100gram > 115°C
Dry time	3-5 mins dependant on temp & humidity
Open time	50 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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Quin Global AU
PO Box 6196
Queanbeyan NSW 2620

1300 857 846
www.quinglobal.com.au
sales@quin-global.com.au

