

HOW²

TENSORGRIP L42

S P R A Y I N G M A N U A L



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In partnership with **CDUK** in the UK & Ireland and approved for use with Corian®, **TensorGrip®** proudly presents the innovative and groundbreaking **L42** spray adhesive. Designed specifically to meet the demands of Corian® fabricators, the **L42** has undergone rigorous engineering and testing through **Quin Global's** cutting-edge research and development department to ensure that no boxes are left unchecked when bonding Corian®.

One of the key breakthroughs with this formulation is its ability to remain flexible once bonded, thus allowing the solid surface material to expand and contract freely without causing damage to the bond line.

L42's moisture resistant properties also make it ideal for humid environments where Corian® may be desired (such as kitchens and bathrooms) without compromise on strength.

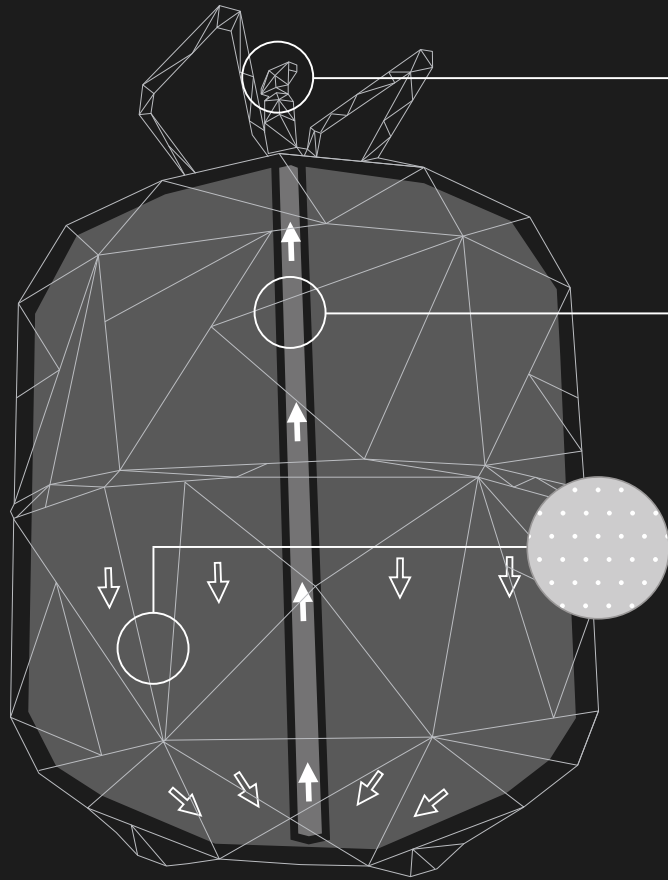
**APPROVED
FOR USE WITH
CORIAN®**

**EXTREMELY
FLEXIBLE
GLUE LINE**

**HIGH HEAT
& HUMIDITY
RESISTANT**

**ULTRA-STRONG
ADHESION**





VALVE
Controls the flow of adhesive from the canister.

DIP TUBE
Reaches to the bottom of the canister to ensure that every drop of adhesive is used.

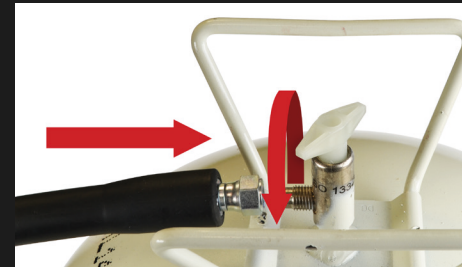
ADHESIVE & GAS MIXTURE
Engineered with care and precision with intent to be the very best in the world. Pressurised gas is designed to propel the adhesive out of the system.

SYSTEM



STEP 1.

Screw the larger hose nut to the gun thread (clockwise) and fully tighten with a spanner. Check hose is securely attached.



STEP 2.

Screw the smaller hose nut to the canister valve (clockwise) and fully tighten with a spanner. Check the hose is securely attached.



STEP 3.

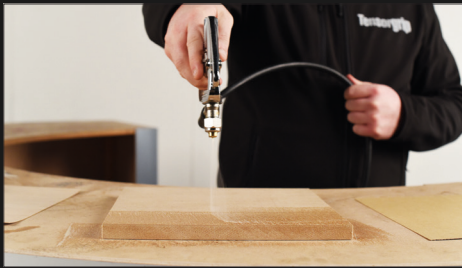
Turn the canister valve anti-clockwise until fully open. Check connections for leaks - if any occur, tighten connections. **DO NOT TURN THE CANISTER VALVE OFF UNTIL THE CANISTER IS EMPTY** (this is to prevent adhesive curing in the hose and gun).



STEP 4.

On initial use, or if canister has been standing for over 12 hrs, the hose and gun may require a purge. Pull the trigger and adjust flow by turning adjustment screw at the back of the gun (anticlockwise to open and clockwise to close). Dispense and discard adhesive until a consistent spray pattern is achieved.

SETUP



STEP 1.

Prepare the surface to be bonded; ensuring both faces are clean, free of dust, dirt and grease. If necessary wipe clean with proprietary solvent-based cleaner. **DO NOT USE WHITE SPIRIT, METHYLATED SPIRITS OR CITRUS-BASED CLEANERS PRIOR TO** Hold spray gun at a constant distance of between 100 - 150mm (4" - 6") from the surface, allowing the adhesive to web across the surface with approximately 75 - 85% overlap.

STEP 2.

Maintain a constant speed of application during spraying, applying a consistent and thorough coating without allowing the adhesive to puddle or heavily 'wet' the surface. Maximum bond strength is achieved with coverage of between 90-100%, and a recommended minimum coat weight of 20 dry grams/m².

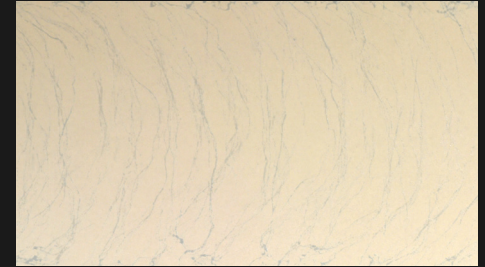
STEP 3.

Maximum adhesion will be obtained by spraying mating faces at 90° to each other, i.e. one face vertically, the other face horizontally. Double coating perimeter of face and edges is recommended, including areas around subsequent cutting positions.

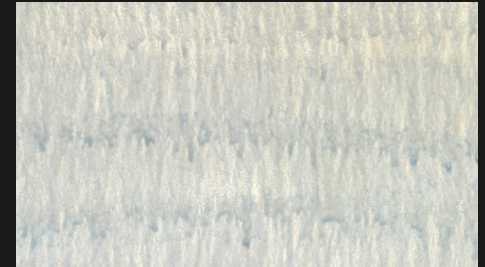
- Do not angle spray gun or move in an arc while spraying. Hold gun at 90° to surface while spraying. Release trigger at end of each pass to optimize coverage.
- Allow adhesive to dry (see product data sheets for appropriate drying times). Test for dryness using back of hand only; surface should be tacky but adhesive should not transfer to skin. Position substrates correctly and press together and tap lightly with a mallet to secure the bond.
- Immediate trimming/routing is possible. Full strength is achieved after 24-48 hours depending on temperature and humidity.



Tap lightly with a mallet to secure the bond.



COVERAGE TOO LIGHT

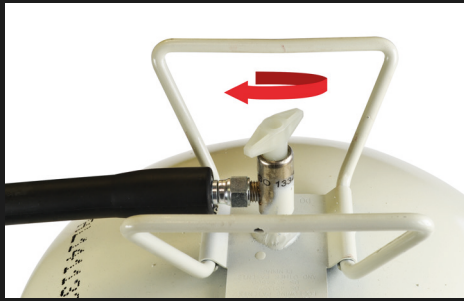


COVERAGE TOO HEAVY



CORRECT APPLICATION = 20 dry gms/sqm

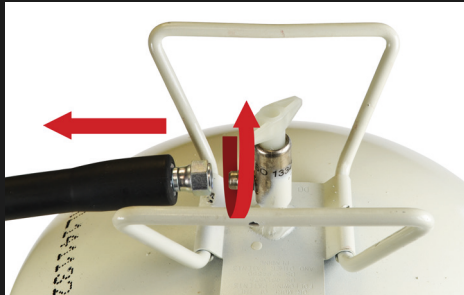
APPLICATION



IMPORTANT: SAFETY GLASSES AND GLOVES MUST BE PUT ON BEFORE STARTING THE DISPOSAL PROCESS

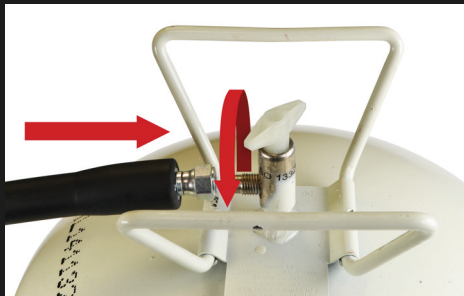
STEP 1.

Turn the canister valve clockwise until fully closed. Pull the trigger on the gun and hold for 10 seconds to expel residual pressure.



STEP 2.

Unscrew the hose nut and disconnect the hose from the empty canister (move to next page for canister disposal).



STEP 3.

Connect the hose and gun to the new canister (go to Step 2 of PREPARATION and follow the process through to Step 4).

If you are not transferring the hose and gun to a new canister you will need to clean it to ensure it can be used again on future jobs.

CANISTER CHANGEOVER

IMPORTANT NOTE: THIS PROCESS SHOULD BE FOLLOWED THROUGH IMMEDIATELY AND ADHESIVE SHOULD BE DISPENSED FROM THE NEW CAN OR THE GUN AND HOSE WILL BLOCK AND BECOME UNUSABLE.

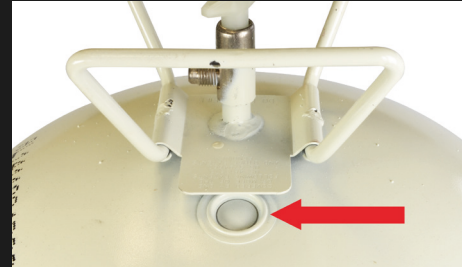


STEP 1.

Lay the empty canister on its side with the valve pointing AWAY from the operator, and well away from sources of ignition.

STEP 2.

Open the canister valve (anti-clockwise) and release any residual pressure.



STEP 3.

Stand canister upright. Use a hammer and brass punch or other non-sparking instrument to puncture the friable disc.

STEP 4.

As long as the user is able to accept responsibility for de-pressurising the canister, it can be disposed of as per your normal scrap metal disposal (subject to local waste restrictions).

TRANSPORT INFORMATION

- During transport, the recommended PPE (Refer to MSDS), First Aid Kit and suitable Fire Extinguisher should be readily accessible in the vehicle.
- Keep vehicle well ventilated at all times whilst it contains spray contact adhesive.
- Secure canister during transportation.



DISPOSAL

WORKS WITH



Solid Surface



Plastic



MDF



Wood Build-ups

PRODUCT PROPERTIES



Web Spray



CO-REZ™



Moisture Resistant

AVAILABLE IN



Canister (22ltr)



Aerosol (500ml)

Our series of SUBSTRATE and PROPERTY icons have been designed to make identifying our products as simple as possible.

L42 SUBSTRATES & PROPERTIES

HOW2

TUTORIAL SERIES



WATCH OUR ADHESIVE EXPERTS GIVE STEP-BY-STEP GUIDES ON HOW TO BOND USING TENSORGRIP® IN OUR ONLINE TUTORIAL SERIES.



youtube.com/tensorglobal

If you are having trouble with one of our products or if you require any further information, please don't hesitate to get in touch.

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