

TensorGrip®



C45

UNDERFLOOR HEATING MAT & GRID ADHESIVE

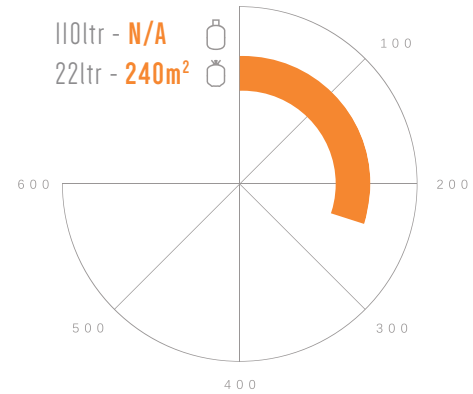
TensorGrip® C45 Underfloor Heating Mat & Grid Adhesive is designed to provide a high strength bond between Plastic Underfloor Heating Grids & Mats and sub floors such as concrete, screed and wood based materials. The unique spray method delivers fast and controllable adhesive application with a blister type adhesive cure ensuring great connection between substrates.

ADVANTAGES

- Fast application.
- High build adhesive technology.

TECH DATA

SQUARE METRE COVERAGE (m²)*:



APPLICATION:



FLASH-OFF*:



OPEN TIME*:



COLOUR:



SUITABLE FOR:



*consult the Spray Manual for a more detailed tutorial on the bonding process.

*depending on ambient temperature.

CHEMICAL TECHNICAL DATA

Viscosity	2800Cps
Total Solids	45%
Colour	Blue
System Flammability	Non-flammable adhesive in a Non-flammable propellant
Shear	
Peel	
Shear adhesion failure temp (SAFT) 100grams	90°C
Heat resistance (25mm/100grams)	90°C
Flash-Off	1 - 2 minutes depending on temperature and humidity
Open time	Up to 10 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 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 uniquely designed to be applied from a Professional Long Wand gun **without a spray tip in place** in order to dispense a controlled jet of adhesive. For best results, the temperature of the adhesive and the surfaces being bonded should be between (10 °C - 25 °C).
 - Use with adequate ventilation. When possible we recommend shaking the canister well before using.
 - Attach and secure hose tightly onto the spray gun. 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.
1. Make sure that surfaces are clean, dry and free from dirt, dust, oil, loose paint, wax or grease, etc.
 2. Spray about 10-20 cm (4" – 8") away at a 90° 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.
 3. Spray both surfaces to be bonded, one surface vertically and the other surface horizontally.