

Tensor[®]

TC30

EPS PLUG BUILD CONTACT ADH

TensorGrip[®] TC30 is a high strength EPS & XPS compatible web spray adhesive. The fast flash off solvent system and high tack makes this product the perfect partner when bonding new large format EPS blocks together for Mould and Pattern building where full surface contact is possible. Where a mix of smooth and rough surface EPS is being used, we recommend using TC30 in conjunction with TC20 PU Foam Adhesive for gap filling properties.

ADVANTAGES

- Fast high tack
- High solids
- Polystyrene and EPS compatible



TECHNICAL DATA

SUITABLE FOR

	Polystyrene		Timber
	Insulation		

COVERAGE

	10lml ^Ø	22ltr ^Ø
Double-sided	N/A	70m ²

**Depending on ambient temperature*

APPLICATION

Double sided

OPEN TIME**

Up to 30 mins

FLASH OFF TIME***

2-4 mins

COLOUR

Green

ADHESIVE TYPE

SBR

GUN TYPE

Spray Gun - Professional

HOSE TYPE

Black Rubber

VALVE

6501

SPRAY TYPE

Web

CHEMICAL TECHNICAL DATA

Viscosity	250 – 350 CPS
Solids	28%-30%
System Flammability	Flammable Solvent / Flammable Propellant
Shear	875N
Peel	29N
Shear adhesion failure temp (SAFT) 100grams	80°C
Heat resistance	105°C
Application Temperature	10 - 25 °C
Shelf life	18 months from date of manufacture

HANDLING & STORAGE

- For full handling and storage details consult Safety Data Sheet section 7.
- For optimum performance during use keep the aerosol/canister between 10°C and 25°C.
- Shake well before use.
- When connected, keep valve open and hose pressurised at all times.
- To avoid gun and hose blocking leave connected and under pressure even when canister is empty until ready to connect to new cylinder.
- Do not store below 10°C.
- Do not allow the product to freeze.
- Do not store directly on concrete floor.
- Do not incinerate and keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
- Avoid exposure to direct sunlight and extreme temperatures.
- Do not use in confined spaces without adequate ventilation and/or respirator.
- For full PPE information, consult Safety Data Sheet section 8.
- Replace aerosol cap after use to protect actuator / valve.

COVERAGE

Coverage for this product is calculated on an average coatweight of approx 20 grams per m² based on a two sided bond. Lower coatweight may result in reduced bond strength and/or bond failure.



✘ Coverage too light



✔ Correct application = 20 grams/m²



✘ Coverage too heavy

SURFACE PREPARATION

Surface preparation is crucial for achieving effective adhesion, make sure that surfaces are clean, dry and free from dirt, dust, oil, loose paint, wax or grease, etc. Any contaminants may affect adhesion.

For best bonding results, the adhesive temperature range should be between 10°C - 25°C. Optimum temperature is 18°C.

PRE BONDING INFORMATION

- Prior to use, check compatibility by spraying a small test patch of the adhesive on the substrate. This product may degrade some substrates.
- Always test the adhesive to determine suitability for your particular application prior to use in production.
- Consult both MSDS and TDS documents.
- When working with absorbent materials a higher coat weight is recommended.
- ALWAYS READ THE LABEL.

CAUTION

ALWAYS USE WITH ADEQUATE VENTILATION. For Full PPE Information Consult SDS (Safety Data Sheet) Section 8. Whenever possible we recommend shaking the canister well before use.

DIRECTION FOR USE



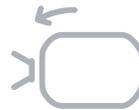
CANISTER

1. Make sure that surfaces are clean, dry and free from dirt, dust, oil, loose paint, wax or grease, etc. " 
2. Attach and secure hose tightly onto the spray gun with required tip as per the set up guide. 
3. Spray 10 to 20cm away from the substrate at a 90 degree angle to the surface, applying a uniform, even coat of adhesive to obtain 80% to 100% coverage of the surface. 
4. When working with absorbent materials, a higher coat weight and is recommended. 
5. Please note that a higher coat weight will reduce overall coverage. 
6. Allow the recommended flash off time for the adhesive to tack off, temperature may affect drying times, ensure adhesive is touch dry. 
7. Bring surfaces together with adequate pressure to form the bond, a roller is recommended to apply a uniform pressure to achieve maximum bond strength. 
8. Allow 24 hours for the adhesive to fully cure. 
9. Clean the tip after use with a suitable solvent cleaner. 
10. If the spray tip clogs, unscrew the spray tip from the gun and consult canister maintenance & storage after use. 
11. Do not use a pin on the spray tip. 

CANISTER REMOVAL OF ADHESIVE

To remove wet adhesive overspray, apply a solvent based cleaning product to the surface or to a rag and wipe away. Use warm soapy water to remove cleaner residue if required.

CANISTER DISPOSAL



STEP 1.

Lay the empty canister on its side with the valve pointing AWAY from everyone, 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).