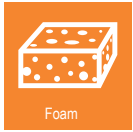


C10 POLYURETHANE FOAM ADHESIVE

DATA SHEET
TensorGrip®



As part of our **CONSTRUCTION** range, **C10** is a polyurethane bead adhesive designed for use in applications using the substrates listed.

PRODUCT DESCRIPTION

TensorGrip® C10 is a single-component moisture cured polyurethane adhesive designed to provide excellent bonding strength while offering the chemical and moisture resistance properties consistent with polyurethane. Efficient and easy-to-use application system.

ADVANTAGES

- Single-component
- Moisture cure
- Quick and easy application
- Liquid-resistant
- Temperature resistant to >400°F (200°C)
- Cost effective and time saving
- VOC free
- Excellent high coverage
- Five minute open time
- Full strength achieved in 24 hours
- Fast drying and quick tack
- No ODS (Ozone Depleting Substances)
- Qualifies for LEED®-NC & CI EQ Credit 4.4: laminating adhesives shall contain no urea formaldehyde resins

APPLICATIONS

- Bond polystyrene and polyurethane insulation to virtually any substrate
- Bonding substrates where ultimate void-fill properties are required
- Construction: architectural foam adhesion, sub-floor adhesion, floor to wood joist adhesion; bonding flooring materials, FRP and more
- Also bonds many other substrates such as wood, concrete, laminates, fibreboard, drywall, etc.

DIRECTIONS FOR USE

- **TensorGrip C10** is designed as a portable, self-contained system for field or shop applications.
- Shake or agitate gently before using.
- Adhesive should be applied in a thin bead to one of the surfaces to be bonded.
- Bonds should be made within 5 minutes of application. Be sure to apply adequate pressure to ensure maximum bonding!
- Bonded surfaces will begin to cure in approximately 15 minutes, depending on temperature and humidity. Full cure is reached after 24 hours.
- Clean excess adhesive immediately with solution such as citrus cleaner.
- Canister system will work sufficiently above 60° F.
- Canister system should be kept in warm area. In the event that the canister gets abnormally chilled, freezes or delivers poor or sputtering bead, it should be warmed up before continued usage. Warming canister by immersion in warm water is recommended.
- Notice!!! Do not store at temperatures over 120° F.

CANISTER STORAGE/CHANGE OVER

- 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.
- 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. OR 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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CHEMICAL TECHNICAL DATA

TYPICAL PROPERTIES

- Total Solids 100%
- VOC Content 0 g/L
- Color White
- System Flammability Flammable
- Solvent System Polymeric MDI
- Shelf Life 15 months from date of manufacture
- Temp Resistance: Shear adhesion failure greater than 400°F (200°C)
- Coverage: THEORETICAL COVERAGE YIELD (calculated) of Large 22L Canister
 - With cured bead size of approx 1/4 inch bead – 15,750 linear feet
 - With cured bead size of approx 3/8 inch bead – 10,250 linear feet
 - With cured bead size of approx 1/2 inch bead - 7,800 linear feet
 - With cured bead size of approx 3/4 inch bead - 4,750 linear feet

PACKAGING

- 7L Disposable Canister
- 22L Disposable Canister

STORAGE

HANDLING & STORAGE

- Consult Material Safety Data Sheet prior to use.
- Do not store at temperatures over 120°F/50°C.
- Avoid exposure to direct sunlight.
- Do not store directly on concrete floor.
- Always store above 60°F/15°C
- When connected, keep valve open and hose pressurized at all times
- Always test our adhesives to determine suitability for your particular application prior to use in production

DISCLAIMER OF WARRANTY: Quin Global makes neither warranty of merchantability or fitness for any use nor any other warranty, express or implied, in the sales of its products. Buyer assumes all risk and liability for the results obtained by the use of its products, whether used singly or in combination with other products.

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