TRI-BUILT® HIGH PERFORMANCE ELASTOMERIC SEALANT

TRI-BUILT® High-Performance Elastomeric Sealant is a single component sealant for use in a wide variety of roofing, trim, architectural metal, manufacturing, under-deck system, solar roof system and general construction applications.

It is based on a proprietary formulation of polymers designed to provide optimum flexibility, adhesion, weather resistance and durability. It retains its flexibility due to the absence of plasticizers, which tend to migrate out, causing hardening and reduced durability. Due to its mild solvent blend, TRI-BUILT® High Performance Elastomeric Sealant is not a flammable liquid according to NFPA liquid guidelines. It is weather and ultraviolet light resistant.

BENEFITS:

- Will not crack
- Asphalt shingle compatible
- Exceptional elongation and flexibility
- Excellent adhesion to many building surfaces, even when damp
- UV resistant
- Resealable, may be applied over itself
- Paintable
- Easily applied, non-stringing formulation
- Available in crystal clear and colors
- Cleans up easily
- Cured sealant is mildew resistant

BASIC USES:

- Most non-traffic-bearing joints, including those where structural movement or stress is expected
- Primerless application to brick, concrete, metal, glass, treated and untreated wood, asphaltic materials and vinyl
- Where ultraviolet-resistant material is required
- Where a paintable sealant is required
- As a trim sealant for metal components

PROPERTIES:

ADHERES TO: Asphalt shingles, modified bitumen, steel, coated steel, concrete, vinyl and other common building substrates

GRADE: Gun grade consistency

PRIMER: Not required on most surfaces. If primerless adhesion to a particular substrate is in question, a test application is recommended

PACKAGING: 10.1 fl. oz. cartridge (paper and plastic)

COLORS: Crystal clear and other colors

STORAGE LIFE: 1 Year

LIMITATIONS:

- Do not use on traffic-bearing surfaces
- Do not use on extruded polystyrene insulating sheathing (styrofoam, etc.)
- Do not use on acrylic skylight glazing surfaces
- Do not use in areas where food is processed or stored
- Do not use for potable water applications
- For exterior use only due to odor emitted during cure

APPLICABLE STANDARDS:

Meets performance characteristics ASTM C 920, Type S, NS, NT

INSTALLATION

JOINT DESIGN: For optimum results, joints should be a minimum of 4 times greater than anticipated movement. Minimum recommended joint size is 1/4" x 1/4". Maximum joint size should be 1/2" x 3/8"in depth.

SURFACE PREPARATION: Priming is not required unless specified above. For best results, joints should be basically clean and surface dry, although dampness from dew will not interfere with adhesion. Do not use xylene or MEK (Methyl Ethyl Ketone) to clean joints or to remove surface coatings unless surface can be allowed to dry before application of sealant. If the joint is wet with solvent, the sealant will not adhere properly. Use of a dry rag or brush to remove dust, dirt, or other contaminants is recommended. Contamination from curing agents and form releases should be avoided.

JOINT BACKING: Joint depth should not exceed 3/8". An open cell backer rod should be used to control joint depth. In shallow joints, a bond breaker tape should be installed to prevent three-point contact.

ELONGATION: 1062% - Clear, 1180% - Colors

TACK FREE: 45 minutes

CURE: 4 days

APPLICATION AND TOOLING: Apply with conventional caulking equipment, filling joint completely. When temperature is below 40° F, application will be easier if sealant is warmed. When temperature of surface to be sealed exceeds 140° F, do not apply sealant until surface cools. A soap solution or a solvent such as xylene may be used as a lubricant for tooling. Do not allow tooling agents to contaminate open joints.

PAINTING: Sealant may be painted after 24 hours. If using a relatively inflexible paint, allow sealant to cure for 4 days before painting. It may be coated with any latex and most oil-based paints. Some paints may crack in dynamic joints. See paint manufacturer's specifications.

CLEANING: Remove the sealant from gun and tools before it cures. This may be done by scraping and use of solvents such as MEK, xylene, Toluol or chlorinated solvents. Cured materials may be removed by cutting with sharp tools. Observe manufacturer's precautions when using toxic or flammable solvents.