



TOWER EXPANSION JOINT SEALANT Textured Masonry for Vertical Surfaces

- Extreme Flexibility
- Outstanding Adhesion
- Interior or Exterior
- Paintable
- Mildew and UV Resistant*

Manufactured by:
Tower Sealants, LLC
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Product Description:

TOWER EXPANSION JOINT & VERTICAL SEALANT is designed to repair large or small vertical control or expansion joints. This is a single component, non-sag, water-based acrylic product is for use in vertical applications, such as concrete walls, brick walls, stucco walls, cement fiber board, concrete block and other masonry surfaces. Combines Tower's durability, flexibility and adhesion for lasting control joints and vertical crack repairs. Primeless application makes it easy-to-apply, 100% acrylic urethane acrylic based product is designed for many types of vertical joints. The cured material is mildew and UV resistant, can be painted and exceeds the performance requirements of ASTM C-920.

Performance Characteristics:

- Single component, non-sag sealant for use in gaps up to 2"
- Used to repair large or small vertical control or expansion joints.
- Exceeds ASTM C-920, Class 12.5, Type S, Grade NS (Non-sag)
- Low VOC
- Soap and water cleanup

Suggested Applications:

Control Joints Expansion Joints
Concrete Walls Stucco Walls
Brick Walls

Suggested Substrates:

Masonry Synthetic Stucco
Concrete Brick
Cement Cement Fiber Board

Surface Preparation:

- Surface must be dry and free of dirt, dust, oil, mildew, loose paint, old caulk or other contaminants.
- Failed sealant must be removed from control joints prior to application.
- When repairing failed or defective substrates, wire brush the surface, cracks or chipped area to loosen and remove poorly bonded material. Completely remove all loose material and dust.
- Only apply when sealant surface and air temperature are above 40°F and rising.
- Do not apply on surfaces above 120° F or when rain is expected.

Application:

- Cut nozzle at a 45° angle. Cured bead should be between 1/8" up to 2" wide.
- Tool patch to match desired texture and profile of the surrounding area.
- Cracks or gaps greater than 1/2" in depth a non-gassing backer rod of the proper size should be inserted before application.
- 2 applications may be required for larger gaps. Allow 24 hours between applications.
- Allow 4 to 6 hours cure time before applying paint (may increase do to joint size or extreme weather).
- Product "skins-over" in 30 minutes. Product may take 5 to 10 days to reach full cure, temperature and humidity dependent.
- Clean up tools with soap and water.

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Physical & Chemical Characteristics:

Vehicle:	100% Modified Acrylic Emulsion Polymer
VOC Less exempt solvents:	< 1.5%
Pigment:	Calcium Carbonate
Solids:	Approximately 70%
Weight per Gallon:	9.75 ± 0.5
Specific Gravity:	Approximately 1.17
Service Temperature:	-30°F to 180°F
Temperature Application Range:	40°F and rising. Air temp no hotter than 95° and substrate not hotter than 120°F
Freeze Thaw Stability:	Passes 5 Cycles@ 0°F (1 cycle = 16hrs. @ 0°F, 8hrs at 75°F)
Flash Point:	None
Consistency:	Paste
Applications:	Interior / Exterior
Shelf Life:	24 months when stored at 50°F to 80°F
Odor:	Mild Sweet Acrylic
Tooling Time:	10 to 15 Minutes
Tack Free Time:	30 Minutes
Paint Over Time:	4 to 6 Hours
Full Cure:	5 to 10 Days depending on conditions and amount used

For Best Results:

- Not to be used on structural cracks.
- Do not apply over silicone sealants.
- Apply primer or masonry surface conditioner for maximum adhesion.
- Always test for substrate compatibility.
- Do not use below grade, under water or continuously ponded water.
- Keep from freezing.
- Keep out of reach of children.

Clean up:

- Clean up hands and tools with soap and water.
- Clean up excess caulk with a damp cloth.

Safety:

- See Material Safety Data Sheet for safety information or product label.
- To request a Material Safety Data Sheet call 866-897-7568

Packaging:	10.1 Fl. Oz. / 299 mL
Part:	TS-00244
Color:	Gray
Grade:	Expansion Joint Repair Sealant
UPC Number:	843034002448