

# SELF-LEVELING JOINT SEALANT

## A SELF-LEVELING, HIGH PERFORMANCE, SINGLE COMPONENT, MOISTURE CURING SEALANT FOR FLOOR JOINTS AND CRACK REPAIR

**SELF-LEVELING JOINT SEALANT** is a high performance, one-part, moisture curing, self-leveling sealant for concrete floor joints and concrete crack repair. Its non-gassing property makes it ideal for high temperature and humid conditions.

### ADVANTAGES

- Non-gassing.
- Permanently flexible.
- Excellent adhesion.
- Excellent UV resistance.
- Non-priming on most substrates.
- Abrasion resistant.
- Excellent weatherability.
- VOC compliant.
- Non-solvent, non-toxic.
- Asphalt compatible (black only).
- Gun grade self-leveling consistency.
- Available in gray and black.

### USES

- Driveways.
- Sidewalks.
- Garage floors.
- Decks.
- Industrial floors.
- Parking areas.

### APPLICATION

#### Service Temperature:

- 40 °F to 200 °F (- 40 °C to 93 °C)

#### Application Temperature:

30 °F to 120 °F (- 1 °C to 49 °C)

#### Joint Design:

The width of the joint should be a minimum of 4 times the anticipated movement. In joints up to 1/2" wide, the depth of the sealant should be equal to the width but not less than 1/4". In joints wider than 1/2", the depth should be

maintained at 5/8". Lap shear joints should have a width of at least twice the anticipated movement.

#### Joint Preparation:

Joint surfaces must be dry, clean and free of contamination. Glass, metal and other non-porous surfaces must be free of any coatings and wiped clean with solvent. Precast panels using form release agents other than polyethylene film must be sand blasted or mechanically abraded and dust blown or brushed away.

#### Application and Tooling:

Self-Leveling Joint Sealant should be applied into the joint fitted with a backing rod. The substrate must be clean, dry and free of dust and grease. Do not apply the sealant at temperatures below 41 °F (5 °C). Do not apply on wet substrates. If tooled, dry tooling is the preferred method. Sealant should not be applied with wet tooling techniques. The use of solvents, water or detergent solutions is not recommended. Store the packs at a minimum temperature of 50 °F (10 °C) if necessary to ensure a good flow rate.

#### Priming:

Self-Leveling Joint Sealant exhibits good primerless adhesion to most common construction substrates, however, for joints where high movement is anticipated, the use of a primer is recommended.

#### Painted:

May be painted with latex-based paint after cure.

#### Cleaning

Remove material from gun and tools before it cures by scraping and/or the use of solvents such as Xylol. Cured materials may be removed by cutting with sharp tools or sandpapering.

### COVERAGE

Theoretical Yield  
Per 28 fl. oz. Cartridge

Joint Size	Linear Feet
1/4" x 1/4".....	67.4
1/4" x 3/8".....	44.8
1/4" x 1/2".....	33.7
1/2" x 3/8".....	23.6
1/2" x 1/2".....	16.8
3/4" x 1/2".....	11.2

### LIMITATIONS

- Do not apply over damp or contaminated surfaces.
- Do not apply to absorptive surfaces such as marble, limestone or granite without prior testing for discoloration or staining.
- Unopened containers should be protected from heat, moisture and direct sunlight.
- Do not open containers until all preparatory work has been completed.
- Material in unopened containers is usable for up to 1 year when stored at 75 °F (25 °C).

### TECHNICAL DATA

Form.....	Fluid paste
Paint Compatibility.....	Water-based
Tack Free Time.....	< 4 hours
Skin Formation.....	20 minutes
Shore A Hardness	
32.....	ASTM D 2240
Elongation at Break	
950%.....	ASTM D 412
Resistance to Weathering	
Excellent.....	ASTM C 793
Resistance to UV	
Good.....	ASTM C 793



60 REAR NEWHALL STREET

PHONE: 978-453-8881

LOWELL, MA. 01852

FAX: 978-453-2416

**WARNING!**

If swallowed, call a physician immediately. May be harmful if inhaled in a enclosed space. Use only in a well ventilated area. Avoid prolonged skin contact. KEEP OUT OF REACH OF CHILDREN.

Read Material Safety Data Sheet (MSDS) before using this product which may be obtained from your retailer or by calling 978-453-8881.

24 Hour Emergency Medical/Spill Information (Chemtrec): 800-424-9300

**KEEP OUT OF REACH OF CHILDREN.**

**For technical assistance call  
978-453-8881**

[www.umaco.com](http://www.umaco.com)

**LIMITED WARRANTY**

The manufacturer guarantees its products to be free of defects and the extent of its liability is limited to the purchase price of the materials only, if proved to be defective.

Improper mixing, incorrect application or other factors beyond the control of the manufacturer or its dealers may produce unsatisfactory results and cannot be held to be the manufacturers or its dealers responsibility. There are no other guarantees either expressed or implied.

**02-01-11**

- *Concrete Patching and Repair Products*
- *Masonry Waterproofing Products*
- *Acrylic Admixtures and Bonding Agents*



[www.umaco.com](http://www.umaco.com)

- *Decorative Masonry and Concrete Coatings*
- *Traditional and Synthetic Stucco Systems*
- *Flooring Underlayments and Resurfacers*