

# Reglet Joint Sealant

## One-part, Polyurethane Roofing Sealant

**Composition:** Reglet Joint Sealant is a black, single component bitumen-modified, moisture-curing polyurethane sealant. Reglet Joint Sealant is asbestos-free.

**Basic Use:** Reglet Joint Sealant is a roofing sealant designed for use in reglet joints and in coping joints.

**Grade:** Gun.

**Packaging:**

Available in 300ml (10.15 fl. oz.) cartridges, 30 cartridges/case, 2.4 gal/case (9 L/case).

**Storage Life:** 1 year in unopened container.

**Color:** Black.

**Applicable Standards:** Meets or exceeds the performance requirements of ASTM C836-84.

**Joint Design:**

- Minimum width of joint should be four times the anticipated movement, but not less than 1/4" (6 mm) wide.
- Width-to-depth recommendations and sealant volume coverages:

WIDTH		DEPTH		COVERAGE			
inches	mm	inches	mm	ft/gl	m/L	ft/cs	m/cs
1/4	6	1/4	6	308	24.8	733	223
3/8	9	1/4	6	205	16.5	488	149
1/2	13	1/4	6	154	12.4	367	112
5/8	16	3/8	9	82	6.6	195	59
3/4	19	3/8	9	68	5.5	162	49
7/8	22	3/8	9	58.6	4.7	139	42

- Joint depth to be 1/4" (6 mm) for joints 1/4" (6mm) to 1/2" (13) in width.
- Maximum joint depth not to exceed 3/8" (9mm).
- Consult your local Tremco Representative for specific design requirements.

**Cure Time:** 24 hours at 75°F (24°C) and 50% R.H.; longer times may be required at lower temperatures and/or humidity.

**Application Data**

**Surface Preparation:** Joints should be clean, dry and free of foreign matter. In masonry joints, avoid contamination by waterproofing, form release, and curing agents. Where such agents are involved, contact your local Tremco Representative for recommendations. Remove protective coatings on aluminum surfaces with Xylene or MEK.

Performance of Reglet Joint Sealant is jeopardized when applied directly to mortar that has been saturated with moisture for prolonged periods. To correct, rake out mortar sufficiently to allow use of closed-cell polyethylene joint backing before application.

For maximum adhesion, use Tremprime Non-Porous Primer on steel, aluminum and copper. Copper requires additional preparation; remove the oxidation (patina) layer through mechanical abrasion prior to primer application. Use Vulkem #171 for concrete or masonry surfaces. Contact your local Tremco Representative for specific recommendations, such as for alternate primers in locations where standard primers may be restricted due to VOC regulations.

**Joint Backing/Bondbreaker:** Joint backing should be used to control recommended joint depth and to prevent three sided adhesion. Joint backing must be dry. Where joint design or depth prevents use of joint backing, install an approved adhesive-backed bondbreaker tape. Use round, closed-cell polyethylene, non-bleeding neoprene, or butyl rod under 30% compression when joint depth is sufficient. Do not install more joint backing or bondbreaker tape than can be sealed in one day.

**Application:** Apply Reglet Joint Sealant with conventional hand powered caulking equipment. Apply in continuous operation with adequate pressure to fill joint to proper width and depth. Do not overfill.

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**Tooling:** Immediately tool to ensure firm, full contact with joint interfaces. Dry tooling is preferred. Care must be exercised to avoid contamination of open joints below.

**Masking:** Should masking be required, remove masking tape immediately after tooling and before sealant skins.

**Cleaning:** Immediately remove excess sealant and smears adjacent to joint with Xylene or Toluene as work progresses. Solvents can be used to clean tools and equipment.

**Precautions:** Use with adequate ventilation. Avoid skin and eye contact. Flush eyes with water. Contaminated clothing should be removed. Harmful if swallowed; do not induce vomiting, call a physician immediately. Keep away from heat and open flame. Users must read container labels and Material Safety Data Sheets for health and safety precautions prior to use.

**Availability and Cost:** Contact your local Tremco Roofing Representative for pricing and availability. For the name and number of your Representative, call the Roofing Division at 216/292-5000. In Canada, 416-421-3300.

**Maintenance:** Your local Tremco Roofing Representative can provide you with effective maintenance procedures which may vary, depending upon specific conditions. Periodic inspections, early repairs and preventive maintenance are all part of a sound roof program.

**Guarantee/Warranty:** Tremco Inc. warrants Reglet Joint Sealant to be free of defects and to meet published physical properties when tested according to ASTM and Tremco standards. Under this warranty, any Reglet Joint Sealant product that is proved to be defective when applied in accordance to our written instructions, and in applications recommended by Tremco as suitable for this product will be replaced with like product at no charge. THIS IS BUYERS SOLE AND EXCLUSIVE REMEDY.

All claims concerning product defects must be made in writing within twelve (12) months of shipment. The absence of such claims in writing during this period will constitute a waiver of all claims with respect to such product. This warranty shall be IN LIEU OF any other warranty, express or implied, including but not limited to, any implied warranty of MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

## Physical Performance Characteristics

### Reglet Joint Sealant

Property	Typical Value	Test Method
Density @ 25°C (77°F)	1090 kg/m <sup>3</sup> (9.1 lb/gal)	ASTM D 70
Flashpoint	>37°C (100°F)	ASTM D 3178
Viscosity @ 25°C (77°F)	30-50 Pa·s (30,000-50,000 cP)	ASTM D 2196
VOC	53 g/L	ASTM D 3960
Ultimate Elongation	700%	ASTM D 412
Ultimate Tensile	1723 kPa (250 psi)	ASTM D 412

**Technical Services:** Your local Tremco Representative, working with the Technical Service Staff, can help analyze conditions and needs to develop recommendations for special applications. The services of the Tremco Research Center, which has earned a unique reputation in weatherproofing technology, complement and extend the services of the Tremco Technical Service staff.

**Statement of Policy and Responsibility:** Tremco takes responsibility for furnishing quality materials and for providing specifications and recommendations for their proper installation.

As neither Tremco itself nor its Representatives practice architecture or engineering, Tremco offers no opinion on, and expressly disclaims any responsibility for the soundness of any structure on which its products may be applied. If questions arise as to the soundness of a structure or its ability to support a planned installation properly, the Owner should obtain the opinion of competent structural engineers before proceeding. Tremco accepts no liability for any structural failure or for resultant damages, and no Tremco Representative is authorized to vary this disclaimer.

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