

Reglet Joint Sealant

One-part, Polyurethane Roofing Sealant

FEATURES

Bituminous urethane

Standard cartridge packaging

BENEFITS

- Reliable moisture resistance
- Compatible with many surfaces
- Accommodates movement
- Easy to apply
- Gunnable, controlled application

DESCRIPTION

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.

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

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/gal	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.

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

Reglet Joint Sealant

APPLICATION CONTINUED

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, nonbleeding 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.

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.

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.

CLEAN UP

PHYSICAL PROPERTIES

PROPERTY	TYPICAL VALUE	TEST METHOD
Density @ 25°C (77°F)	1090 kg/m ³ (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

MAINTENANCE

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

PRECAUTIONS

Users must read container labels and Safety Data Sheets for health and safety precautions prior to use.

TECHNICAL SUPPORT

Your local Tremco Roofing sales representative, working with the Technical Service Staff, can help analyze conditions and needs to develop recommendations for special applications.



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