

ROMEX® W1000

Cold Climate Jointing

Product ID: #2244

ROMEX DRAIN must be used in combination with ROMEX Filler Sand

W1000 synthetic resin jointing mortar can be installed at negative temperatures as it will successfully cure in temperatures as low as -5 °C | 23 °F. It is resistant to street cleaning vehicles, allows for the quick re-opening of traffic and is ideal for public spaces and commercial yards. The compound has a high strength rating and is suitable for over 3/8" | 8mm wide joints on all natural stone and concrete pavers.

Ideal for winter projects down to -5 °C / 23°F.

- **For traffic loads up to 25 T**
- **Can be installed up to -5 °C | 23 °F**
- **Resistant to street cleaning vehicles**
- **Allows for quick re-opening to traffic**

FILLER SAND COLORS



SCAN FOR MORE INFO

One-Time Install

Pressure Washer Safe

Vehicle Rated

Frost Resistant

Highly Permeable

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APPLICATION

Construction Site Requirements: Prepare the surface according to expected traffic loads. Follow regulations and guidelines for paved surfaces. Ensure future loads won't cause settling or loosening of stones. Use ROMEX® TRASS BED products and the ROMEX® SYSTEM-GUARANTEE (RSG) for best results. Use ROMEX® application tools for optimal performance.

Important: Store materials at room temperature (+20 °C). Mix at temperatures above 10 °C in a heated area. Application can be done at below-freezing temperatures. Due to potential yellowing, use the color tone "Sand-Basalt."

Preparation: Remove snow before jointing (e.g., with a tiger torch). Ensure joints are at a depth of at least 30 mm (1 ¼") or ⅔ of stone height for traffic loads, with a minimum joint width of 8 mm (⅜"). Clean the surface of impurities before starting. Tape off adjacent surfaces not to be jointed to avoid resin contact.

Mixing: Mix at above-freezing temperatures. Pour the 25 kg (55 lbs) filler component into a mixing tub and start mixing. Slowly add the 3.0 kg (6.6 lbs) resin/hardener component. **Do not add water**. If using a bucket: Mix for 3 minutes, then transfer to a clean, dry bucket and mix for an additional 3 minutes, ensuring all resin is scraped into the new bucket.

Application: Apply small amounts of the mixed mortar onto the surface and roughly distribute it using a spade or metal slider. Work the mortar into the joints with a rubber squeegee, ensuring it fills the joints completely. Regularly clean tools and work shoes with water during jointing to avoid impurities and footprints.

Final Cleaning: Immediately after application, sweep the surface with a coarse broom. Use a soft hair broom for final cleaning until all residual mortar is removed. Sweep diagonally to the joint. Do not reuse swept-off material.

Subsequent Treatment: Rain protection is unnecessary during drizzle. Protect the surface for 12-24 hours in case of heavy or continuous rain, ensuring air circulation.

Important Note: Thin epoxy resin film may remain initially, enhancing color and protecting from dirt. This film is temporary and will disappear over time due to weathering and abrasion. Test a sample surface if unsure before full application. A resin film is not an application fault and does not affect surface quality. Refer to your ROMEX® rep for more information.

Weather Warning: Only install at surface temperatures between -5°C – 20°C | 23°F – 68°F) Lower temperatures result in slower hardening while higher temperatures cure faster. 15-20 minutes of working time.

Technical Data	
Compressive strength	51,2 N/mm² | 7 426 psi
Bending tensile strength	19,4 N/mm² | 2 814 psi
Water permeability (High)	103.87 in/h | 0.73 mm/s
Static modulus of elasticity	8 900 N/mm² | 1 290 836 psi
Solid mortar bulk density	1,73 kg/dm³ | 1.0 oz/in³
Shelf life	24 months
Storage	Frost-free, dry

Consumption kg | lbs per 1 m² | 10,76 sq ft: Basis of calculation: joint depth Ø 30 mm | 1 ¼"						
	Joint width					
Stone size in cm	80 × 40 31 ½" × 15 ¾"	60 × 60 23 ½"× 23 ½"	40 × 40 15 ¾" × 15 ¾"	32 × 24 12 ½ "× 9 ½"	24 × 16 9 ½" × 6 ¼"	9 × 11 ⅜" × ⅜"
8 mm | ⅜" (min.)	1,5 kg | 3.4 lbs	1,4 kg | 3.0 lbs	2,0 kg | 4.3 lbs	2,9 kg | 6.3 lbs	4,1 kg | 9.0 lbs	7,3 kg | 16.0 lbs
10 mm | ⅜"	1,9 kg | 4.1 lbs	1,7 kg | 3.8 lbs	1,7 kg | 3.8 lbs	3,6 kg | 7.9 lbs	5,0 kg | 11.0 lbs	8,8 kg | 19.4 lbs
For Polygonal slabs approx. 4–6 kg | 8-13 lbs						



1) MIXING

Mix all components in a bucket with a drill mixer



2) POUR ON

Dispense product onto paving surface (pre-wet if possible)



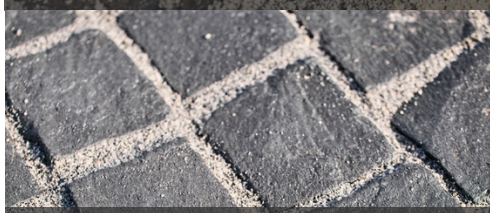
3) WORK INTO JOINTS

Use a squeegee to distribute the mortar into the joints



4) FINAL CLEANING

Allow the surface to partially air dry before final brooming



5) COMPLETE

Allow 3-5 hours for the surface to cure before use

CALL BEFORE YOU INSTALL

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