



ROMEX® FLEX JOINT

Flexible Resin Jointing

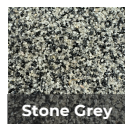
The world's first flexible and permeable jointing mortar is made from a combination of sand, rubber and visco elastic resin and is perfect for unbonded surfaces. This innovative product is a perfect replacement for loose grit and allows for regular pressure washing. Simply mix with water in a cement mixer or directly in the bucket with a drill mixer on smaller projects. FLEX JOINT is compatible with any joint width over 3/8" | 8mm or 1/4" | 5mm with extra work and is perfect for use on permeable pavers or control joints in bonded construction.

Ideal for parking lots, permeable pavers, and large joints.

- Vehicle loading up to 25 T
- Ideal for unbonded construction
- Bonded performance on unbonded application
- Used in combination with our ISATec 5-year warranty displacement protection system



Extremely Flexible



Stone Grey



Neutral



Basalt



ROMEX® FLEX JOINT

Flexible Resin Jointing

APPLICATION

Construction Site Preparation: Prepare the foundation considering expected traffic loads and adhere to regulations and guidelines for paving stone surfaces. Avoid settling or loose stones. Utilize the ROMEX® SYSTEM-GUARANTEE with ISATec anchors (RSG - 5) for optimal results and consider using ROMEX® application tools.

Joint Preparation: Clean joints to a depth of at least 30 mm | 1 ¼" (or ⅓ of stone height for traffic loads, minimum joint width 5 mm | ¼"). Clean the joint-fixed surface of all impurities before starting work. Tape off adjacent surfaces not to be joint-fixed.

Pre-wetting: Pre-wet the surface, especially for porous surfaces or higher temperatures, which require more intense pre-wetting.

Mixing: Open the bucket and bottles, pour contents into the filler material. Add 0.6 gal | 2.5 liters of water if used as a normal paving joint mortar; (no water needed if product is used in bonded construction as a control joint). Rinse resin/hardener bottles with 0.025 gal | 100 ml of water and add to the mixture. Mix for at least 6 minutes using a professional drill mixer with helical paddle or rotary-drum mixer

Application: Apply the mixed mortar onto the pre-wetted surface and work it into the joints using a squeegee/rubber slider. Pour mortar at several spots or in small doses within the jointing area to maximize fluidity. Clean tools and work shoes regularly during jointing to prevent impurities.

Final Cleaning: After approximately 10 minutes, carefully sweep excess mortar off the stone surface with a large, coarse broom. Then use a soft broom for final cleaning until all residual mortar is removed. Sweep diagonally to the joint and avoid reusing swept-off material.

Subsequent Treatment: Rain protection is unnecessary during short periods light drizzle. For permanent or heavy rain, protect the freshly jointed surface for 12-24 hours. Avoid direct placement of rain protection to ensure proper air circulation.

Important Note: Initially, a thin film of epoxy resin remains on the stone surface, enhancing color and protecting from dirt. This film is temporary and will diminish over time. Test a sample surface if uncertain before jointing. A resin film does not indicate an application fault, and surface quality is not compromised.

System	2-component epoxy resin pavement jointing mortar		
Deflection at breaking load ^{2,3}	12.6 mm 0.496" Laboratory value	DIN EN 1015-11	
Bending tensile strength ²	1.2 N/mm ² 174 psi Laboratory value	DIN EN 1015-11	
Hard mortar raw density	1.34 kg/dm ³ 0.77 oz/in ³ Laboratory value	DIN EN 1015-10	
Tensile strength	0.295 N/mm ² 43 psi Laboratory value	DIN EN 527-1	
Max. expansion ε	9.26 % Laboratory value	DIN EN 527-1	
Application time at 20 °C 68 °F	20-30 minutes		
Application temperature	> 7 °C up to max. 30 °C > 44,6 °F up to max. 86 °F At lower temperatures slow hardening, At high temperatures quick hardening		
Re-opening of surface at 20 °C 68 °F	after 24 hours can be walked on, after 7 days fully load bearing		
Water permeability coefficient ¹	16.29 × 10 ⁻⁵ m/s ≈ approx. 1,6 l/min/m ² for a joint fraction of 10 % 23.1 iph ≈ approx. 0.04 gal/min/sqft for a joint fraction of 10 %		
Storage life	12 months resin/hardener components: frostfree, filler components: dry		

Consumption table in kg/m ² lb/sq ft - Basis of calculation: joint depth Ø 30 mm 1 ¼"							
Joint width	Stone size	80 × 40 cm 31 ½" × 15 ¾"	60 × 60 cm 23 ½" × 23 ½"	40 × 40 cm 15 ½" × 15 ¾"	32 × 24 cm 12 ½" × 9 ½"	24 × 16 cm 9 ½" × 6 ¼"	9 × 11 cm ¾" × ¾"
	5 mm ¼" (min.)	0,8 kg 1.7 lbs	0,7 kg 1.5 lbs	1,0 kg 2.2 lbs	1,5 kg 3.2 lbs	2,1 kg 4.5 lbs	3,8 kg 8.4 lbs
10 mm ⅜"	1,5 kg 3.3 lbs	1,3 kg 3.0 lbs	2,0 kg 4.3 lbs	2,8 kg 6.2 lbs	3,9 kg 8.6 lbs	6,9 kg 15.2 lbs	
Polygonal slabs	We recommend ROMPOX® - D1						



1) MIXING

Mix all components with water in the bucket or gravity mixer



2) WET SURFACE

Pre wet the surface with a hose



3) POUR ON

Dispense product onto paving surface



4) WORK INTO JOINTS

Use a squeegee to distribute the mortar into the joints



5) FINAL CLEANING

Allow the surface to partially air dry before final brooming



CALL BEFORE YOU INSTALL

@romexhardscapes

