ROMEX® FLEX JOINT

Flexible Resin Jointing

Product ID: Neutral #1641 | Stone Grey #1642 | Basalt #1643

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

SCAN FOR MORE INFO

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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 ⅔ 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.

Weather Warning: Only install at surface temperatures between 7°C – 30°C | 44.6°F – 86°F. Lower temperatures result in slower hardening while higher temperatures cure faster. 20-30 minute working time

Technical Data	
Deflection at breaking load	11,8 mm | 0.4"
Bending tensile strength	1,28 N/mm² | 185 psi
Centric tensile strength	0,44 N/mm² | 63 psi
Path to maximum power	15,8 mm | 0.6"
Static modulus of elasticity	14 N/mm² | 2030
Solid mortar bulk density	1,41 kg/dm³ | 0.8 oz/in³
Weathering rate (CDF test)	25 g/m² | 737 oz/yd2
Water permeability (High)	240 in/h | 1.69 mm/s
Shelf life	12 months
Storage	Frost-free and 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 1/2" × 15 3/4"	60 × 60 23 1/2" × 23 1/2"	32 × 24 12 1/2 "× 9 1/2"	24 × 16 9 1/2" × 6 1/4"	9 × 11 3/8" × 3/8"
5 mm | ¼" (min.)	0,8 kg | 1.9 lbs	0,7 kg | 1.4 lbs	1,5 kg | 3.4 lbs	2,1 kg | 4.6 lbs	3,8 kg | 8.3 lbs
10 mm | ⅜"	1,5 kg | 3.4 lbs	1,3 kg | 2.9 lbs	2,8 kg | 6.2 lbs	3,9 kg | 8.6 lbs	6,9 kg | 15.2 lbs

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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

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