



ROMEX® DRAIN

Highly Permeable Jointing

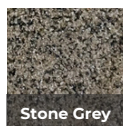
This two-component jointing product is combined with water in a gravity mixer to create a slurry-like mortar that easily seeps into your paver joints using a squeegee on pre-wet pavers. Wait 15 minutes, then just brush off the excess product to reveal your completed highly permeable surface. This is great for working with strict permeability regulations on green infrastructure projects and is compatible with joint widths greater than 1/4" | 5mm.

Ideal for Green Infrastructure projects.

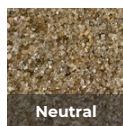
- For light traffic loads up to 3.5 T
- Self-compacting
- Pressure washer safe
- Highly water permeable
- Frost and de-icing salt resistant



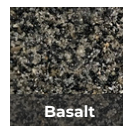
Highly Permeable



Stone Grey



Neutral



Basalt



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APPLICATION

Foundation Preparation: Ensure the foundation meets load expectations and adheres to industry standards for permeable pavement construction. Future loads must not cause surface to settle or loosen stones. For optimal results, consider using ROMEX® Trass-Bed products along with the ROMEX® SYSTEM-GUARANTEE (RSG). Utilize ROMEX® application tools available at your dealer for the best application experience.

Preparation: For paver thickness less than 1 3/4" | 30 mm, we recommend bonded laying methods (TRASS) For unbonded methods, clean the jointing surface thoroughly before starting work and tape off adjacent surfaces. fill joints completely with ROMEX® - DRAIN.

Pre-wetting: Pre-wet the surface adequately, especially porous surfaces and areas with higher temperatures. If the surface dries, rewet it before applying the grout.

Mixing: Pour 25 kg | 55 lbs of filler sand into the mixing tub and begin the mixing process. Gradually add the separately packaged 1.8 kg | 4.0 lbs resin/hardener component while mixing. After 3 minutes of mixing, add 2 litres | 0.53 gal of water by filling the resin/hardener bottles with 1 litre | 0.26 gal of water, shaking vigorously, and adding the contents to the mixture. Continue mixing for at least 3 more minutes using a rotary-drum mixer / drill mixer with helical mixing paddle.

Application: Apply the mixed pavement jointing mortar onto the prewetted surface and work it carefully into the joints using a squeegee/rubber slider. Do not pour entire contents in one spot, instead, pour the mortar at several spots within the jointing area to optimize fluidity. If not used immediately, remix the remaining mortar briefly before continuing application. Regularly clean tools and work shoes with water spray to prevent impurities and footprints on the stone surface. On warm days or to increase flow, the DRAIN mortar can be sprayed with water.

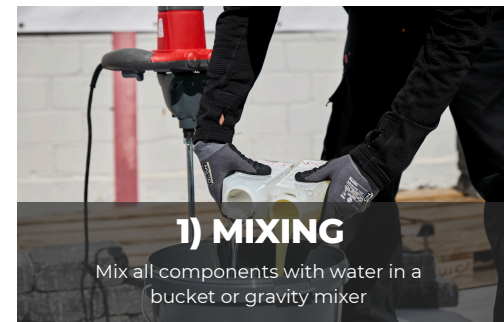
Final cleaning: After 10-15 minutes and once no white streaks are noticeable from brooming, carefully sweep off excess mortar from the stone surface with a large, coarse broom. Then, use a soft, hair broom for a final cleaning until all residual mortar is removed. Sweep diagonally to the joint and avoid reusing swept-off material.

Subsequent treatment: Protect the freshly jointed surface from rain for the next 12-24 hours. Ensure the rain protection layer allows sufficient air circulation and is not laid directly onto the paved surface.

Important Note: During the initial period, a thin film of epoxy resin may remain on the stone surface, enhancing color and protecting it from dirt. This film is temporary and will weather over time. To confirm, test a sample surface before completing the entire jointing process. A resin film does not indicate a fault in the application, and the surface quality remains uncompromised. Refer to the ROMEX® academy for further information.

Test report no. 55-2909/04 CPH-7134-DRAIN, audited colour „neutral“, goods in bags.	
System	2-component epoxy resin pavement jointing mortar
Compressive strength	15.1 N/mm ² 2 190 psi Laboratory value 9.2 N/mm ² 1 334 psi Building site value DIN 18555 part 3
Bending tensile strength	7.4 N/mm ² 1 073 psi Laboratory value 5.1 N/mm ² 740 psi Building site value DIN 18555 part 3
Static elasticity module	1 240 N/mm ² 179 847 psi Laboratory value 1 550 N/mm ² 224 808 psi Building site value DIN 18555 part 4
Hard mortar raw density	1.57 kg/dm ³ 0.91 oz/in ³ Laboratory value 1.29 kg/dm ³ 0.75 oz/in ³ Building site value DIN 18555 part 3
Application time at 20 °C 68 °F	20–30 minutes ROMEX®-norm 04
Application temperature	> 0 °C up to max. 30 °C > 32 °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 6 days fully load bearing
Water permeability coefficient*	4.96 × 10 ⁻³ m/s ± approx. 15 l/min/m ² for a joint fraction of 10 % 703 iph ± approx. 0.37 gal/min/sqft for a joint fraction of 10 %
Storage life	24 months resin/hardener components: frostfree, filler components: dry

Consumption table in kg/m ² lb/sq ft - Basis for calculation: joint depth Ø 30 mm 1 1/4"							
Joint width	Stone size	80 × 40 cm 31 1/2" × 15 1/4"	60 × 60 cm 23 1/2" × 23 1/2"	40 × 40 cm 15 1/4" × 15 1/4"	32 × 24 cm 12 1/2" × 9 1/2"	24 × 16 cm 9 1/2" × 6 1/4"	9 × 11 cm 3/8" × 3/8"
	5 mm 1/8" (min.)	0,7 kg 1.6 lbs	0,7 kg 1.4 lbs	1,0 kg 2.1 lbs	1,4 kg 3.1 lbs	2,0 kg 4.3 lbs	3,7 kg 8.0 lbs
	10 mm 3/8"	1,4 kg 3.2 lbs	1,3 kg 2.8 lbs	1,9 kg 4.2 lbs	2,7 kg 6.0 lbs	3,8 kg 8.3 lbs	6,6 kg 14.6 lbs
Polygonal slabs		We recommend ROMPOX® - D1					



1) MIXING

Mix all components with water in a 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



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