



THE **R**EVOLUTION

Better. Simpler. More reliable.

- ✓ for joint widths from 3 mm | 1/8"
- ✓ improved formulation
- ✓ even easier processing
- ✓ almost resin film free



ROMPOX® - DRAIN

The secure pavement jointing mortar

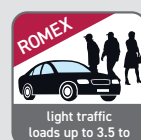
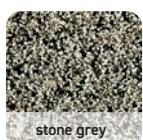


The innovative facelift of our classic

ROMPOX® - DRAIN has been completely revised and adapted to the demands of modern resin based mortars. This classic, which has been on the market for over 30 years, now meets all the needs of contractors. ROMPOX® - DRAIN is a water-permeable 2-component pavement jointing mortar based on epoxy resin, which permanently protects paved areas against weed growth. The mortar is particularly suitable for surfaces around private houses, e.g. driveways with light traffic, parking spaces, walkways and terraces. Thanks to the new formula, narrow joints from 3 mm joint width can now be jointed without any problems. Intensive pre-wetting, slurring of the mortar and final cleaning of the stone surface with a fine water spray jet binder residues are removed as far as possible. Now jointing in drizzle as well as at low temperatures is possible without any problems.

Properties

- for joint widths from 3 mm | 1/8"
- for joint depths from 30 mm | 1 1/4"
- suitable for almost all coated and sensitive stone surfaces
- almost resin film free
- can be applied during a drizzle
- no need to cover the area during drizzle
- frost and de-icing salt resistant
- highly water permeable
- quick re-opening to traffic
- self compacting and water emulsifiable



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APPLICATION

Construction site requirements: The foundation needs to be prepared according to the expected traffic loads. Regulations and leaflets regarding construction of paved stone surfaces should be heeded. Future loads must not cause the surface to settle or loosen stones. Ideally, you would use ROMEX® Trass-Bed products as well as the ROMEX® SYSTEM-GUARANTEE (RSG). For optimum application it is recommended using ROMEX® application tools

Preparation: Clean out joints to a depth of at least 30 mm | 1 1/4" (in case of traffic loads 2/3 of stone height, minimum joint width 3 mm | 1/8"). The surface to be joint-fixed should be cleaned of all impurities before work commences. Adjoining surfaces that are not to be joint-fixed are taped off.

Pre-wetting: Intensely pre-wet surface. Porous surfaces as well as higher surface temperatures, require more intense pre-wetting.

Mixing: Open the bucket, open bottles within and pour the contents completely into the filler material component. In order to fully use the contents of the bottle, both bottles should be rinsed with water. To do this, fill up the two previously emptied resin/hardener bottles with 250 ml | 0.13 gal of water, close, shake vigorously and add the contents of the bottle to the mixture. Start the mixing process. Do not add water! Total mixing time: at least 6 minutes. Use professional agitator or rotary-drum mixer / compulsory mixer

Application: Pour the ready-mixed pavement jointing mortar onto the well pre-wetted surface. Then work the pavement jointing mortar using a gentle spray of water and squeegee intensively into the joints to ensure that the joints are completely filled. In contrast to our other products, ROMPOX® - DRAIN must be continuously elutriated with plenty of water. No further compacting is necessary. Mortar residue is washed off the surface with a fine jet of water without washing out the joints. Intensive pre-wetting, slurring of the mortar as well as final cleaning of the stone surface with water are an essential requirement for an almost resin film-free stone surface and thus prevents white tarnishing. Tools and work shoes should be regularly cleaned with a water spray during jointing, to avoid impurities by binding agent and footprints on the stone surface.

Final cleaning: After approx. 10–15 minutes the excess mortar on the surface of the stones can be swept off carefully with a large, coarse broom. Then use a soft, hair broom to do a final cleaning until all residual mortar has been removed from the surface. Chamfered edges on slabs and clinker surfaces must be exposed, as sufficient adhesion in this area cannot be guaranteed. The correct moment for sweeping, is when white smears no longer form on the stone surface during sweeping. Sweeping should be done diagonally to the joint. Do not reuse swept off material.

Subsequent treatment: Rain protection is not necessary in case of drizzle. In case of continuous and heavy rain the freshly jointed surface needs to be protected against rain for the next 12–24 hours. The rain protection layer must not be laid directly onto the paved surface, to ensure sufficient air circulation.

Important note - resin film: Intensive pre-wetting, slurring of the mortar with water and final cleaning are an essential requirement for an almost resin film-free stone surface. These steps reduce the risk of white tarnishing many times over. Mortar residue is washed off the surface with a fine jet of water without washing out the joints. During the initial period a very thin film of epoxy resin remains on the stone surface and intensifies the colour of the stone and protects it from dirt. The resin film is temporary and will disappear over time due to weathering and abrasion. A resin film does not constitute an "application fault" and the quality of the surface is not compromised in any way. In case of uncertainty, a sample surface should be tested before the entire jointing is done. For further information please take note of the ROMEX® compendium.

TECHNICAL DATA

Test report; audited colour „neutral“	
System	2-component epoxy resin pavement jointing mortar
Compressive strength	> 25 N/mm ² > 3 625 psi Laboratory value DIN 18555 part 3
Bending tensile strength	10 N/mm ² 1 450 psi Laboratory value DIN 18555 part 3
Hard mortar raw density	1,52 kg/dm ³ 0.88 oz/in ³ Laboratory 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	1,5 × 10 ⁻³ m/s ≙ approx. 4,5 l/min/m ² for a joint fraction of 10 % 212,6 iph ≙ approx. 0.11 gal/min/sqft for a joint fraction of 10 %
Storage life	min. 24 months
Storage	frost free and 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	40 × 40 cm 15 3/4" × 15 3/4"	24 × 16 cm 9 1/2" × 6 1/4"	20 × 10 cm 8 1/8" × 4 1/8"	9 × 11 cm 3 5/8" × 3 5/8"
	3 mm (min.) 1/8"	0,7 kg 1.4 lbs	1,3 kg 2.8 lbs	1,9 kg 4.2 lbs	2,5 kg 5.6 lbs
	10 mm 3/8"	2,1 kg 4.6 lbs	4,2 kg 9.2 lbs	5,8 kg 12.8 lbs	7,4 kg 16.2 lbs
	Polygonal slabs	approx. 4–6 kg			

Note: Recommended for slab coverings up to max. 40 x 40 (15 3/4 x 15 3/4 cm). For larger slabs we recommend the products ROMPOX® - ECOFINE and/or ROMPOX® - D1, depending on the exact area of application.

Further information, films and consumption calculator can be find at www.romex-ag.de



GENERAL NOTES

Limitation of use, use category and load classes
Indicates the load-bearing capacity of a substructure and superstructure manufactured according to German standards in accordance with RStO 12, ZTV-Wegebau, DIN 18318. These are terms from German standards, regulations and guidelines for road construction, civil engineering and pavement construction.

Filler materials
All filler materials are natural products which are subject to natural colour deviations.

Water permeability coefficient
Water permeable according to „Leaflet on surfaces that allow for seepage“ (MVV), Issue 2013.

General notes
The information printed in this brochure is based on experiential values and the current levels of knowledge in science and practice, however they are not binding and have no legal force. All previous information becomes invalid with the issue of this brochure. Images similar. Effective August 2023. We reserve the right to make changes.

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