



## Top properties

- ✓ Virtually no resin film
- ✓ Self-compacting
- ✓ Can be applied in drizzle



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# ROMPOX® - DRAIN

## The safe pavement jointing mortar

### Water-emulsifiable 2-component epoxy resin system

ROMPOX® - DRAIN is a high-quality 2-component pavement jointing mortar for jointing paving and slab coverings made of natural stone, concrete block and clinker. Thanks to modern additives, ROMPOX® - DRAIN can be slurried into the joints with water, making the joint mortar suitable for narrow joints and easy to use at low temperatures as well as in drizzle. When used correctly, ROMPOX® - DRAIN leaves virtually no synthetic resin film.

### Properties

- Virtually no resin film
- Can be slurried
- Self-compacting
- No weed growth
- Highly permeable to water
- Resistant to frost/de-icing salt
- Resistant to high-pressure cleaners
- Can be applied in drizzle
- Slip-resistant

### Areas of application

- For joint widths from 3 mm
- Around the house
- Areas with traffic loads of up to 3.5 tons
- Tightly laid paving and slabs
- Paving slabs up to 40 x 40 cm
- Almost all coated and sensitive stones
- Paving and natural stone surfaces

### Technical data

Compressive strength:	25 N/mm <sup>2</sup>   3 625 psi
Bending tensile strength:	10 N/mm <sup>2</sup>   1 450 psi
Solid mortar bulk density:	1,52 kg/dm <sup>3</sup>   0.88 oz/in <sup>3</sup>
Water permeability:	1,5 × 10 <sup>-3</sup> m/s   212.6 iph approx. 4,5 l/min/m <sup>2</sup> 0.11 gal/min/sqft
Shelf life:	24 months
Storage:	protect from direct sunlight, frost-free



**ROMPOX®**



ROMPOX® - DRAIN

CONSTRUCTION SITE REQUIREMENTS

**Planning:** The substrate should be constructed in accordance with the expected traffic load. The regulations and information sheets for the construction of paved surfaces must be observed. Subsequent loads must not result in settlement of the surface or loose stones. The jointing material cannot absorb any settlement. The use of ROMEX® Trass bedding products and ROMEX® SYSTEM-GARANTIE (RSG) is ideal. For optimum processing, the use of ROMEX® processing tools is recommended.

**Preparation:** Clean joints to a depth of at least 30 mm (with traffic load 2/3 of the stone height, minimum joint width 3 mm). Thin slabs less than 30 mm thick must be laid using a bonded, water-permeable construction method and the joints must be fully grouted. The surface to be grouted must always be cleaned of all types of dirt before grouting. Adjacent surfaces that are not to be grouted must be masked off.



APPLICATION

**Pre-wetting:** Pre-wet the surface intensively and keep it constantly damp. Avoid standing water in the joints. Absorbent surfaces and higher substrate temperatures require more intensive pre-wetting.

**Mixing:** Open the bucket, open the bottles inside and add the contents completely to the filler component. Both bottles should be rinsed out with water to fully utilize the contents. To do this, fill each of the two previously emptied resin/hardener bottles with 250 ml of water, close, shake vigorously and add the contents of the bottle to the mixture. Start the mixing process. Do not add any more water! Total mixing time: At least 6 minutes. Use a professional whisk or free-fall/forced action mixer.

**Application:** Pour the ready-mixed pavement jointing mortar onto the pre-wetted surface. To make optimum use of the flowability of the pavement jointing mortar, pour the mortar in three to four places in the jointing area. If the ready-mixed mortar is not fully used immediately, the remaining quantity should be mixed again briefly within the specified working time before it is used again, so that optimum flowability is achieved again. Then use a soft jet of water and a rubber squeegee to continuously and intensively slurry the pavement jointing mortar into the joints with plenty of water to ensure that the joints are completely filled. No further compaction is necessary. Mortar residue is rinsed off the surface with a fine jet of water without washing out the joints.

**Practical tip:** Tools and work shoes should be cleaned regularly with a jet of water during grouting to avoid soiling from binding agents and footprints on the stone surface.

**Final cleaning:** After approx. 10-15 minutes, first carefully sweep the stone surface with a coarse street broom and then give it a final clean with a fine hair broom until all mortar residue has been removed. Chamfers on slabs and clinker coverings must be exposed, as sufficient adhesion is not guaranteed. The correct sweeping time is reached when white streaks no longer form on the stone surface when sweeping. Sweep diagonally to the joint. Material that has been swept off is no longer used.

**Rain protection:** No rain protection is necessary in drizzle. In the event of continuous or heavy rain, the freshly grouted surface must be protected from rain for approx. 12-24 hours. The rain protection (construction foil/covering tarpaulin) must not be laid directly on the surface to allow air to circulate.

Application data:		Consumption kg   lbs per 1 m²   10,76 sq ft: Basis of calculation: joint depth Ø 30 mm   1 1/4"				
Application time						
at 20 °C   68 °F:	approx. 20-30 min.					
Application temperature:	0-30 °C   32-86 °F					
	Low temp. » slow curing					
	High temp. » fast curing					
Release of the surface						
at 20 °C   68 °F:	Can be walked on after 24 hours, fully loadable after 6 days					
Joint width	stone size in cm	40 × 40 15 3/4" × 15 3/4"	24 × 16 9 1/2" × 6 1/4"	20 × 16 8 1/8" × 4 1/8"	9 × 11 3/8" × 3/8"	
	3 mm   1/8" (min.)	0,7 kg 1.4 lbs	1,3 kg 5.6 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 10.6 lbs	5,8 kg 12.8 lbs	7,4 kg 16.2 lbs	

IMPORTANT NOTES

**Weather:** Unfavorable weather conditions can negatively affect the result of your processing. We strongly recommend that you read and check product labels, processing instructions and climatic restrictions before starting your project. Very hot, cold or wet weather requires planning and additional equipment and measures if necessary. Application in cold and/or damp conditions, with low temperatures and high humidity, will prolong the curing time and increase the risk of white discoloration of the surface. If necessary, warm the surface overnight or immediately before grouting. Protect the surface with a suitable masking and heating solution for at least 24 hours after grouting.

**Synthetic resin film:** During the initial period, a wafer-thin synthetic resin film may remain on the stone surface, which intensifies the color of the stone and protects it from soiling. However, this film disappears over time if the surface is exposed to the weather and through abrasion. A synthetic resin film does not constitute a defect in workmanship and does not impair the functionality of the surface. If in doubt, we recommend creating a sample surface.

**Product-specific instructions:** Intensive pre-wetting, slurring of the mortar and final cleaning of the stone surface with water are essential prerequisites for a stone surface that is virtually free of resin film. These steps reduce the risk of white tarnishing many times over. ROMPOX® - DRÄN is suitable for slab sizes up to max. 40 x 40 cm. For larger slabs, we recommend the products ROMPOX® - ECOFINE or ROMPOX® - D1, depending on the area of application.

**Occupational safety:** The use of impermeable and durable protective gloves, tight-fitting safety goggles and protective work clothing is recommended during work.

**Cleaning and maintenance:** Tools can be cleaned with water immediately after grouting. Clean joints 1-2 times a year to ensure good water permeability in the long term.

GENERAL INFORMATION

**Explanations:** Water permeability as defined in the 2013 edition of the „Information sheet for infiltration-capable traffic areas“ (MVV) with a joint ratio of 10 %. Usage demarcation, usage category and load classes indicate the load-bearing capacities for standardized substructure and superstructure according to German standards in accordance with RStO 12, ZTV-Wegebau, DIN 18318. The joint may sand slightly due to the raw material. All fillers are natural products which may show natural color variations.

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