



Top properties

- ✓ Reduces weed growth
- ✓ Self-repairing
- ✓ Top of the class



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Perfect match!

Permanent solution at joint mortar level with JOINTING SAND NP



ROMPOX® - D7000 JOINT STRENGTHENER

The stabilizing polymer liquid for sand joints and road surfaces

1-component polymer system

ROMPOX® - D7000 JOINT STRENGTHENER is a special liquid for the subsequent stabilization of jointing sands and road surfaces with sufficient fine particles, for protection against washout, erosion in slopes, weed growth and for dust binding. ROMPOX® - D7000 JOINT STRENGTHENER is characterized by its high strength and toughness, which is a considerable advantage especially in unbound construction. ROMPOX® - JOINTING SAND NP can be permanently consolidated with ROMPOX® - D7000 JOINT STRENGTHENER for permanent jointing at the level of a jointing mortar.

Properties

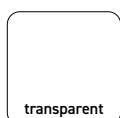
- Easy to use
- Reduces weed growth
- Joints remain permeable to water
- Resistant to frost/de-icing salt
- Also for do-it-yourselfers
- Ready to use
- Prevents gravel migration on flat roofs
- Reduces surface abrasion
- Reduces dust formation
- Reduces erosion on slopes during heavy rainfall

Areas of application

- For joint widths from 1 mm
- Around the house and commercial areas
- For permanent consolidation of JOINTING SAND NP
- For unbound construction
- Areas with traffic load
- Almost all coated and sensitive stones
- Repair of joint cracks
- Flat roofs
- Drip edges
- Unbound road surfaces

Technical data

- Water permeability: depending on joint material
- Shelf life: min. 12 months
- Storage: Frost-free, protect container from direct sunlight



ROMPOX® - D7000 JOINT STRENGTHENER

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 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: The surface must always be cleaned of all types of dirt before application. When used as a joint strengthener, the joints must be free of roots and organic matter in order to prevent weeds growing back into the substrate. Use suitable agents / methods. When used to stabilize path surfaces, the surface layer should ideally consist of crushed sand/rock mixtures of 0/4 to 0/8 mm and the proportion of fines/dust < 0.08 mm should be at least 15 %. Adjacent surfaces that are not to be treated are masked off.



APPLICATION

Pre-wetting: Pre-wet the surface to be stabilized with water. Absorbent surfaces and higher surface temperatures require more intensive pre-wetting. Avoid puddle formation. If the path surfacing material is delivered and installed in a moist condition, pre-wetting may not be necessary. In this case, we recommend lightly loosening the surface, e.g., with a rake, before applying ROMPOX - D7000 JOINT STRENGTHENER.

Application of joint strengthener: First fill ROMPOX® - D7000 JOINT STRENGTHENER from the bottle/canister into a pressure sprayer. Then spread the liquid evenly over the surface and pull directly over the joints with a rubber squeegee. Alternatively, ROMPOX® - D7000 JOINT STRENGTHENER can also be poured directly from the canister or with a watering can onto the surface. Remove excess liquid, for example in recesses of non-absorbent stones, immediately with a wet sponge or towel. After approx. 15 minutes, the joint hardener is completely absorbed.

For the permanent hardening of ROMPOX® - JOINTING SAND NP, the joint strengthener can be applied immediately after wetting the jointing sand or at a later time.

Application Stabilization: First pour ROMPOX® - D7000 JOINT STRENGTHENER from the canister into a watering can with an angled spray attachment. Then pour evenly over the pre-wetted covering. After approx. 15 minutes, the liquid is completely absorbed into the covering. Then roll or level the covering evenly. Use suitable equipment. Surfaces subject to particularly heavy wear should be sealed immediately after curing. To do this, apply approx. 500-750 ml/m² of ROMPOX® - D7000 JOINT STRENGTHENER to the flooring surface using a pressure sprayer, watering can or a fur roller. This process should be repeated on average every 3 years or as soon as more stones become detached from the surface.

Rain protection: The freshly grouted surface must be protected from rain for 48 hours. The rain protection (construction foil/covering tarpaulin) must not be placed directly on the surface to allow air to circulate.

Application data:

Application time at 20 °C | 68 °F: approx. 20–30 min.
Application temperature: 7–30 °C | 44.6–86 °F, Low temperature » slow curing, high temperature » fast curing
Release of the surface at 20 °C | 68 °F: can be walked on after 48 hours, fully loadable after 6 days

Consumption table in kg per 1 m²: (Basis of calculation: joint depth Ø 30 mm | 1 1/4" / joint width Ø 3 mm | 1/8")

Joint width	Stone size in cm	80 × 40 cm 31 1/2" × 15 3/4"	60 × 60 cm 23 1/2" × 23 1/2"	40 × 40 cm 15 3/4" × 15 3/4"	32 × 24 cm 12 1/2" × 9 1/2"	24 × 16 cm 9 1/2" × 6 1/4"	9 × 11 cm 3 7/8" × 3 7/8"
	3 mm 1/8"	0,1–0,2 l 0.02–0.04 gal	0,1–0,2 l 0.02–0.04 gal	0,1–0,2 l 0.02–0.04 gal	0,1–0,4 l 0.04–0.08 gal	0,25–0,5 l 0.05–0.10 gal	0,4–0,8 l 0.08–0.16 gal
Curing of road surfaces: approx. 2 l/m²							

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.

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: In the case of coated concrete blocks and sensitive types of stone, only the joints should be treated. To do this, apply the contents of the bottle exclusively to the joints using a spray cap until saturated. Remove material residues on the stone surface immediately with a damp sponge or towel.

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

Cleaning and maintenance: Tools can be cleaned with water immediately after grouting. Regularly remove water-retaining moss, leaves and weeds from the joint surface. 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 that may exhibit natural color variations. As with all bonded road surfaces, stones may become detached. This does not constitute a design defect and does not impair the functionality of the surface.

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