



ROMPOX® - 304 CEM-HS (formerly HAFTSCHLÄMME)

Plastic-modified, trass-containing bonding slurry for laying paving and slab coverings

Modified trass-cement system

ROMPOX® - 304 CEM-HS is a trass-containing, polymer-modified bonding slurry for laying natural stone paving, natural and concrete stone slabs as well as clinker and ceramic tiles on bonded bedding. As a bonding agent, it ensures an optimum bond between the bedding and the fixing element. ROMPOX® - 304 CEM-HS is ready to use and can be individually adjusted, depending on the application, to be slurried or trowel-applied. ROMPOX® - 304 CEM-HS is an important component of the ROMEX®-SYSTEM GUARANTEE (RSG) as a bonding agent between the covering and bedding.

Properties

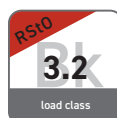
- ready to use after mixing with water
- prevents frost damage
- frost/de-icing salt resistant
- waterproof
- high composite safety
- suitable for underfloor heating
- containing trass cement
- plastic-coated
- low chromate

Areas of application

- for layer thicknesses from 30 mm | 1 ¼"
- around the house and public areas
- areas with traffic loads of up to 40 to
- for the bonded construction method
- MFP Geb (Information sheet for paving with paving slabs and slab coverings in bonded design)
- ROMEX® SYSTEM GUARANTEE (RSG)

Technical data

| | |
|---------------------|---|
| Grain size: | 0-0.5 mm 0-1/64" |
| Yield: | 0.52 l/kg 0.13 gal/lbs |
| Water permeability: | impermeable |
| Shelf life: | 12 months |
| Storage: | on pallet, cool and dry in the original sealed bag |



ROMEX®

ROMPOX® - 304 CEM-HS

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. In the case of impermeable substrates, drainage of seeping water must be ensured. Standing water must be drained away from the impermeable layer by means of filter layers and slopes. Depending on the size and shape of the surface, sufficient expansion joints must be planned according to physical principles. The use of ROMEX® SYSTEM - GUARANTEE (RSG) is ideal. For optimum processing, the use of ROMEX® processing tools is recommended.

Preparation: In order to achieve an optimum bond between the fastening element and the bonding slurry, the fastening elements should be thoroughly cleaned of dust and sawdust before applying the bonding slurry. Loose parts and other soiling must be removed.



PROCESSING

Mixing: Mix the bonding slurry homogeneously and lump-free in a clean mixing vessel with clean, cold water using a professional mixing paddle. The amount of water required depends on the required flowability. For a consistency for application with a notched trowel, use approx. 0.2 l | 0.05 gal per 1 kg | 2.2 lbs of bonding slurry. (5 l/bag | 1.32 gal). For a creamy consistency for dipping paving stones, use approx. 0.25 liters | 0.05 gallon per 1 kg | 2.2 lbs of bonding slurry (6.25 l/bag | 1.65 gal). Mixing time 3 minutes. Stir again after a maturing time of 2 minutes.

Processing: The bricks/slabs should be laid immediately after the bonding slurry has been applied to the fresh bedding mortar („fresh in fresh“).

There are two methods of application: **Application variant:** When laying slab coverings, ROMPOX® - 304 CEM-HS is applied to the matt damp clean underside of the slabs over the entire surface, approx. 3-5 mm | 1/8" - 1/4" thick, using a notched trowel. **Dipping variant:** Immerse matt damp, clean paving stones approx. 2-3 cm | 3/4" - 1 1/4" deep in ROMPOX® - 304 CEM-HS.

It is important to ensure that the drainage capacity of the bedding in the joint area is maintained. It should always be avoided that the ROMPOX® - 304 CEM-HS „swells out“ on the stone/slab sides during installation, as otherwise the joint will be sealed at these points. This can be avoided by scraping off the bonding slurry approx. 3-5 cm | 1 1/4" - 2" from the edge of the stone/slab, e.g. with a trowel.

Post-treatment: Curing cement mortar must be protected from drying out too quickly, draughts, direct sunlight and temperatures below 5 °C | 41 °F and above 25 °C | 77 °F.

Processing data:

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| Application time at 5 °C 41 °F: | approx. 6 hours |
| Application time at 20 °C 68 °F: | approx. 3 hours |
| Application temperature: | 5-30 °C 41-86 °F |
| Release of the surface at 20 °C 68 °F: | grouting possible the next day accessible after 7 days, trafficable up to 3.5 to (private area) after 14 days, fully loadable after 28 days |

Consumption kg | lbs per 1 m² | 10,76 sq ft:

1.5-2.5 kg | 3,3-5.5 lbs depending on layer thickness or 0.8-1.3 l. | 0.21-0.34 gal depending on layer thickness

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 surface discoloration. 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.

Product-specific instructions: Sawed stones must be roughened with ROMPOX® - 304 CEM-HS on the underside and stone flanks before processing. Paving work should be carried out by hand and not with a vibrating plate or similar compaction equipment. Do not stir stiffening bonding slurry with water again. Residues of the bonding slurry must not be allowed to enter the sewage system, bodies of water or the soil. In the case of bonded paving and slab coverings, cracks cannot be ruled out as a result of weather influences, temperature fluctuations and traffic loads. Non-drainage-capable base/bedding layers can be damaged by penetrating moisture.

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.

GENERAL INFORMATION

Explanations: Water permeability as defined in the „Information sheet for infiltration-capable traffic areas“ (MVV), 2013 edition. Delimitation of use, utilization category and load classes indicate the load-bearing capacities for standardized substructure and superstructure according to German standards in accordance with RStO 12, ZTV Road Construction, DIN 18318. All fillers are natural products that may show natural color variations.

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