



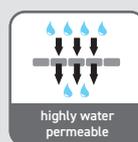
ROMPOX® - TRASS-BED

Frost resistant drainage mortar

ROMPOX® - TRASS-BED is a highly water-permeable bedding mortar with ztrass additives for the installation of natural stone pavers as well as natural and concrete stone slabs on frost-proof substructures in outdoor areas.

Properties

- from 3 cm | 1 3/16" layer thickness
- highly water permeable
- prevents frost damage
- lessens waterlogging and discolouration
- frost and de-icing salt resistant
- ready to use mixture
- compressive strength > 35 N/mm²
- application temperature from +5 °C



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APPLICATION

Construction site requirements: The subsurface needs to be made load bearing, firm and water permeable. Water impermeable load distribution layers (screeds), such as areas with house utility connections as well as any slab coverings that are laid, need to have a slope of at least 1,5–3,0%. Any water that gathers needs to be drained with corresponding drainage measures. In case of any watertight outdoor areas and levels where water flows and partial puddles form, it is recommended installing a suitable capillary-breaking drainage mat.

Mixing: Mix ROMPOX® - TRASS-BED so that it is earth damp, mixing time 2–3 minutes. Water requirement approx. 9 % = approx. 3,6–3,8 litres | 0,95–1,0 gal of cool, clean water per used 40 kg Ready mix. Mix using a pug mill mixer or gravity mixer. For smaller amounts, mixing can be done in a wheelbarrow or mortar tub. After mixing, the mortar is ready for immediate use. Where possible, use the entire container, otherwise weigh the exact amounts needed.

Application:

Natural stone paving stones: The thickness of the paved stone bed whilst loose, should be 3-6 cm depending on type of stone and expected loads. Mix ROMEX® - TRASS-BED so it is earth damp and pour it loosely into the bed. Paving stones are laid hammer-hard = lay stones individually and hit them 3-4 times with a hammer. When filling the joints, at least 3 cm joint depth from the top edge of the stone is required, in case of traffic loads at least $\frac{2}{3}$ the height of the stone. After laying, protect the surface with a sheet - after 24 hours lightly spray with water and cover again for 48 hours. Finally, use ROMEX® pavement jointing mortar to fill the joints. After 7 days the surface can be walked on, after 14 days it can be driven on by vehicles up to 3,5t (private surface), after 28 days it is fully load bearing. Paved stones that have been sawed/measured should be treated with ROMEX® - ADHESION ELUTRIANT before laying - the same applies to stones that, because of their shape, cannot be hammered into one third of the paved stone bed, or generally to fulfil the ROMEX® SYSTEM GUARANTEE (RSG).

Natural and concrete stone slabs: In general, slabs should be treated with ROMEX® - ADHESION ELUTRIANT before laying.

TECHNICAL DATA

Application time	approx. 2 hours at 20 °C 68 °F application temperature
Application temperature	5–30 °C 41–86 °F, do not lay onto frozen ground
Material requirement	40 kg = 22 litres of fresh concrete approx. 18,5 kg/cm layer thickness/m ²
Water addition	3,6–3,8 litres 0,95–1,0 gal of water per 40 kg Ready mix
Compressive strength	35 N/mm ² after 28 days
Water permeability coefficient*	$\geq 14,2 \times 10^{-5}$ m/sec 20.1 iph (dependent on filler material)
Storage life	6 months
Storage	dry and in original sealed container



GENERAL NOTES

Limitation of use, use category and load classes
Indicates the load-bearing capacity of a sub-structure 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 May 2022. We reserve the right to make changes.

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