



ROMPOX® - ADHESION ELUTRIANT

The secure bond bridge for slab surfaces

ROMPOX® - ADHESION ELUTRIANT contains trass cement and is tempered with polymers. It is used as an adhesion bridge for the laying of natural stone cobbles, natural and concrete stone slabs as well as brick stones and ceramic tiles on bonded ROMPOX® - TRASS-BED. It provides like a kind of glue for the optimal connection between bedding and stone. As a link between stone and bedding, ROMPOX® - ADHESION ELUTRIANT is an important part of our system guarantee (RSG).

Properties

- contains trass cement
- polymer-modified
- bond bridge for the laying of natural and concrete stone slabs on bonded ROMPOX® - TRASS-BED



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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: In order to ensure optimum adhesion between the connecting element and adhesion elutriant, it should be ensured that the connecting element is thoroughly cleaned to remove dust and sawing residue, before applying adhesion elutriant. Loose particles and other dirt must be removed.

Mixing: To achieve a consistency that is plastic and can be spread, pour 8 litres | 2.1 gal of cool, clean water into a container. Then add 25 kg | 55.1 lbs of ROMPOX® - ADHESION ELUTRIANT and stir for 3 minutes. After 3 minutes of maturing time stir through again briefly. Depending on reason for use, adjust consistency by adding more water. Always use up the entire container!

Application:

1st variation: When laying slabs, ROMPOX® - ADHESION ELUTRIANT is applied to the slightly moist slab underside with a layer thickness of approx. 3–5 mm | 1/8"– 1/4" using a broad brush/notched trowel and then hammered into the freshly laid drainage mortar. When using ROMPOX® - ADHESION ELUTRIANT, care should be taken that the product on the underside of the stone/slab does not squeeze out, as this will seal the joint in this area. To avoid this, scrape off the adhesion elutriant approx. 5 cm from the edge of the stone/slab, i.e. using a trowel.

2nd variation: Dip the slab or cobble stone 2–3 cm | 3/4" – 1 1/4" deep into a tub of ROMPOX® - ADHESION ELUTRIANT then immediately hammer into the freshly laid drainage mortar.

Important instruction:

- Bonded paved stone and slab coverings may have cracks appear as a result of weather influence, temperature swings and traffic loads.
- Base courses/bed that have no drainage capacity may get damaged when moisture penetrates.
- Sawed stones should be roughened on the underside and stone edges before using with ROMPOX® - ADHESION ELUTRIANT.
- Paved stone work is done by hand, not using a vibratory plate or similar compacting machinery.
- Expansion joints should be laid according to relevant guidelines.
- On impermeable surfaces, measures need to be taken to drain seeping water.
Standing water on the impermeable layer needs to be diverted using filter layers and slope.

TECHNICAL DATA

Application time	approx. 2 hours at 20 °C 68 °F
Application temperature	5–25 °C 41–77 °F do not use on frozen ground
Material consumption	25 kg 55.1 lbs = 19 litres 86 gal of fresh mortar approx. 1,3 kg 2.86 lbs per mm layer thickness/m ² For layer thickness 3–5 mm = 3,9–6,5 kg/m ² = Ø 5 kg/m ² 55.1 lbs = 5 gal of fresh mortar approx. 2.86 lbs per 1/16" layer thickness/sqft For layer thickness 1/8" – 3/16" = 0.80–1.33 lb/sqft = Ø 1.02 lb/sqft
Addition of water	approx. 8 litres 2.1 gal of water per 25 kg 55.1 lbs Elutriant
Dry density	1,5 kg/dm ³ 0,87 oz/in ³
Low in chromate	yes
Storage life	12 months
Storage	dry and in originally sealed containers

Information



It should always be avoided, that during laying of the stone/slab, the ROMPOX® - ADHESION ELUTRIANT does not „squeeze out the edges“ because this could cause the joint to become sealed in that area. To avoid this, scrape off the ADHESION ELUTRIANT about 5 cm | 2" from the edge of the stone/slab i.e. using a trowel.



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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