

## ROMPOX® - D3000

Paved stone jointing elutriant for repairs

2 component epoxy resin paved stone jointing elutriant

### Product information

- for medium to heavy traffic loads
- for joint crack widths from 3 mm
- for joint crack depths from 10 mm
- slightly water permeable
- self compacting
- water emulsifiable
- high strength
- suitable for repairing broken cement surfaces
- can be applied during drizzle
- surface does not need to be covered during drizzle
- quick re-opening to traffic
- can be applied to ground temperatures of >0°C

No weed growth

Resistant to foot traffic

No cement haze/residue

Please take note of the brochure „Technical information & practical application tips“.

**Construction site requirements:** The foundation should be laid according to the expected traffic loads. Please take note of the regulations and information leaflets on the manufacture of paved stone surfaces. Future loads must not cause the surface to settle or loosen stones. Ideally, use “ROMEX® - TRASS-BED – the frost resistant drainage mortar“.

See separate product information.

**Preparation:** Clean out joints to a depth of at least 10 mm (minimum joint width 3 mm). The surface to be joint-fixed should be cleaned of all impurities before work commences. Adjoining surfaces that are not to be joint-fixed are taped off. In case of porous surfaces and especially when repairing cement joints, it is recommended to carry out priming first – your ROMEX® -Team will be happy to advise!

**Pre-wetting:** Pre-wet the surface well. Porous surfaces as well as higher surface temperatures, require more intense pre-wetting.

**Mixing:** Pour the 25kg filler material component completely into the mixer and start the mixing process. While the mixer is running, pour the separately supplied 2,5kg resin/hardener component slowly and completely in. After 3 minutes of mixing time add 3 litres of water and mix again for at least 3 minutes.

**Application:** Apply the mixed pavement fixing mortar onto the well damp surface and work it carefully into the joints using a squeegee/rubber slider. In order to improve pourability of the pavement fixing mortar, pour the mortar onto three or four areas of the area to be jointed

**Final cleaning:** After approx. 10 minutes sweep the stone surface carefully with a large, coarse broom. Then use a soft, hair broom to do a final cleaning until all residual mortar has been removed from the surface. The correct moment for sweeping, is when white smears no longer form on the stone surface during sweeping. Sweeping should be done diagonally to the joint. Do not re-use swept off material. Use a fine water spray to spray off the surface thoroughly and then sweep once more with a wet hair broom.

**Subsequent treatment:** No subsequent treatment necessary. During the initial period a very thin film of epoxy resin remains on the stone surface and intensifies the colour of the stone and protects it from dirt. This film, however, disappears from the surface in open weather and through abrasion in the coming months.

**Important instruction:** In case of doubt, please lay a sample surface before jointing the entire surface. ROMPOX® - D3000 should only be used on surfaces where the superstructure as well as the foundation have completely settled and are immobile. If this is not the case, then joint breakouts and damage can result.

### Application data:

Application time: approx. 10 minutes at + 20 °C application temperature

Surface temperature: > 0 °C (max. +25 °C)

at lower temperatures: slow hardening

at high temperatures: quick hardening

Re-opening of surface: can be walked on after 6 hours / can be driven on after 24 hours

Technical data:

	Laboratory value*1	Construction site value*2
Hard mortar raw density:	1,73 kg/dm <sup>3</sup>	1,63 kg/dm <sup>3</sup>
Bending tensile strength:	19,5 N/mm <sup>2</sup>	11,1 N/mm <sup>2</sup>
Compressive strength:	51,2 N/mm <sup>2</sup>	26,2 N/mm <sup>2</sup>
Static elasticity module:	8.900 N/mm <sup>2</sup>	4.300 N/mm <sup>2</sup>
Water permeability value:	-	7,5 • 10 <sup>-4</sup> m/s = approx. 2,3 l/min/m <sup>2</sup> (with a joint percentage of 10%)

Storage: 12 months, resin/hardener component: frostfree, filler material component: dry

All filler materials are natural products which are subject to natural colour deviations. 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.

Diagrams similar. All application data applies to a temperature of +20 °C.

Issue March 2012. We reserve the right to make changes.

\*1 without added water

\*2 according to ROMEX<sup>®</sup> testing methods

Pre-wet

Mixing

Add water

Elutryfy

Final cleaning

Final wetting and sweeping