



ROMPOX® - D3000

The repair paving stone joint elutriant

Using paving stone joint elutriant ROMPOX® - D3000 old, damaged cement joints on paths, roads and town squares can be quickly and easily repaired. Only the damaged joints need to be cleaned out. Intact cement joints remain on the surface. The paving stone elutriant has such strong edge adhesion that it „connects“ to the old joint. ROMPOX® - D3000 will not act as a preventive for any old cement on the surface becoming damaged in the future.



Properties

- for joint crack widths from 3 mm | 1/8"
- for joint crack depths from 10 mm | 3/8"
- suitable for the repair of damaged cement surfaces
- quick re-opening to traffic



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APPLICATION

Construction site requirements: The foundation is prepared according to the expected traffic loads. Regulations and leaflets regarding construction of paved stone surfaces should be heeded. Must only be used on surfaces and subsurfaces that have settled and are movement free. Can otherwise lead to joint breakage and destruction of the joint. For optimum application it is recommended using ROMEX® application tools.

Preparation: Clean out joints to a depth of at least 10 mm | 3/8". Damaged joints and joint remains need to be completely removed. 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, especially with cement joint repairs, it is recommended using a pre-primer. We are happy to advise you.

Pre-wet: Pre-wet the surface. Porous surfaces as well as higher surface temperatures, require more intense pre-wetting. Avoid standing water in the joints.

Mixing: Pour the 25 kg | 55 lbs filler components into the mixing tub and start the mixing process. Whilst mixing, slowly add the separately packaged 2.5 kg | 5.5 lbs resin/hardener component completely into the mixture. In order to fully use the contents of the bottle, both bottles should be rinsed with water. To do this, fill up the two previously emptied resin / hardener bottles with 0.5 litres | 0.13 gal of water, close, shake vigorously and add the contents of the bottle to the mixture. After mixing for 3 minutes add 2 litres | 0.53 gal of water and continue mixing well for at least 3 minutes. Use professional agitator or rotary-drum mixer / compulsory mixer.

Application: Apply the mixed pavement jointing mortar onto the well moistened surface and work it carefully into the joints using a squeegee/rubber slider. The mortar is poured out at three or four spots within the jointing area in order to make best use of the fluidity of the pavement jointing mortar. If the ready mixed mortar is not used up straight away, before continuing with application and remaining within the stated application time, mix the remaining mortar through again briefly to ensure it has optimum flow capability. All tools as well as work shoes should be regularly cleaned with a water spray during jointing, to avoid impurities by binding agent and footprints on the stone surface.

Final cleaning: After approx. 10 minutes the excess mortar on the surface of the stones can be swept off 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.

Subsequent treatment: Rain protection is not necessary during drizzle. In case of permanent or heavy rain, the freshly jointed surface should be protected for 12–24 hours. Do not put the rain protection directly onto the surface, to ensure air circulation.

Important note: 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. The resin film is temporary and will disappear over time due to weathering and abrasion. In case of uncertainty, a sample surface should be tested before the entire jointing is done. A resin film does not constitute an „application fault“ and the quality of the surface is not compromised in any way. For further information please take note of the ROMEX® compendium.

Technical data

Test report no. 26-1401/08 CPH-7334-D3000, audited colour „neutral“, goods in bags.		
System	2-component epoxy resin pavement jointing mortar	
Compressive strength	34.5 N/mm ² 5 003 psi Laboratory value 19.4 N/mm ² 2 813 psi Building site value	DIN EN 1015-11:2007-05
Bending tensile strength	12.2 N/mm ² 1 769 psi Laboratory value 7.6 N/mm ² 1 102 psi Building site value	DIN EN 1015-11:2007-05
Static elasticity module	7 800 N/mm ² 1 131 294 psi Laboratory value 4 000 N/mm ² 580 151 psi Building site value	DIN 18555 part 4
Hard mortar raw density	1.68 kg/dm ³ 0.97 oz/in ³ Laboratory value 1.41 kg/dm ³ 0.82 oz/in ³ Building site value	DIN 18555 part 3
Application time at 20 °C 68 °F	15–20 minutes	ROMEX®-norm 04
Application temperature	> 0 °C up to max. 30 °C > 32 °F up to max. 86 °F At lower temperatures slow hardening, at high temperatures quick hardening	
Re-opening of surface at 20 °C 68 °F	after 12–24 hours can be walked on, after 3 days fully load bearing	
Water permeability coefficient*	7.5 × 10 ⁻⁴ m/s ≈ approx. 2.3 l/min/m ² for a joint fraction of 10 % 106.3 iph ≈ approx. 0.06 gal/min/sqft for a joint fraction of 10 % (with appropriate compacting)	
Storage life	24 months resin/hardener components: frostfree, filler components: dry	

Consumption table in kg/m ² lb/sq ft - Basis of calculation: joint depth Ø 10 mm 3/8"							
Joint width	Stone size	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 3/8" × 3/8"
	3 mm 1/8" (min.)	0,5 kg 1.1 lbs	0,4 kg 0.9 lbs	0,6 kg 1.4 lbs	0,9 kg 2.1 lbs	1,3 kg 2.9 lbs	2,5 kg 5.5 lbs
10 mm 3/8"	1,6 kg 3.5 lbs	1,4 kg 3.1 lbs	2,1 kg 4.6 lbs	3,0 kg 6.5 lbs	4,1 kg 9.0 lbs	7,3 kg 16.0 lbs	
Polygonal slabs	approx. 1–3 kg 2.2–6.6 lbs						



Further information, films and consumption calculator can be find at www.romex-ag.de

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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. Images similar. Effective April 2018. We reserve the right to make changes.

* Water permeable according to „Leaflet on surfaces that allow for seepage“ (MVV), Issue 2013.

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