



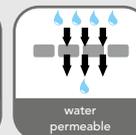
ROMPOX® - TRAFFIC V2

The hardest pavement jointing mortar

ROMPOX® - TRAFFIC V2 is the strongest ROMEX® pavement jointing mortar for heaviest traffic loads in the public sector. V2 is used to carry out new jointing in road and town square construction, that is subject to heavy loads, but also as gutter mortar according to ATV DIN 18318:2006.

Properties

- for joint widths from 8 mm | $\frac{3}{8}$ "
- for joint depths from 30 mm | $1 \frac{1}{4}$ "
- high strength



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APPLICATION

Construction site requirements: The surface should be prepared according to the expected traffic loads. The regulations and leaflets for the manufacture of paved 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: Clean out joints to a depth of at least 30 mm | 1 ¼" (in case of traffic loads ⅔ of stone height, minimum joint width 8 mm | ⅜"). The surface to be jointed should be cleaned of all impurities before work commences. Adjacent surfaces that are not to be jointed must be taped off to avoid resin contact.

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 3.0 kg | 6.6 lbs resin/hardener component completely into the mixture. Do not add water! Total mixing time: at least 6 minutes. Use professional agitator or rotary-drum mixer / compulsory mixer.

Application: Apply the mixed pavement jointing mortar onto the surface and roughly distribute it using a spade or metal slider. Subsequently, work the pavement jointing mortar into the joints using a rubber squeegee, ensuring it compacts deep into the joints and fills them completely. 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: Immediately after application sweep the stone surface carefully with a coarse street broom. Then use a soft hair broom to do a final cleaning until all residual mortar has been removed from the surface. Sweeping should be done diagonally to the joint. Do not re-use swept off material.

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 - resin film: 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. 55-2909/04 CPH-7134, audited colour "neutral", goods in bags.		
System	2-component epoxy resin pavement jointing mortar	
Compressive strength	76.8 N/mm ² 11 139 psi Laboratory value 52.5 N/mm ² 7 615 psi Building site value	DIN 18555 part 3
Bending tensile strength	22.2 N/mm ² 3 220 psi Laboratory value 13.6 N/mm ² 1 973 psi Building site value	DIN 18555 part 3
Static elasticity module	12 200 N/mm ² 1 769 461 psi Laboratory value 9 800 N/mm ² 1 421 370 psi Building site value	DIN 18555 part 4
Hard mortar raw density	1.83 kg/dm ³ 1.06 oz/in ³ Laboratory value 1.71 kg/dm ³ 0.99 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*	4.78 × 10 ⁻⁶ m/s ▲ approx. 0,015 l/min/m ² for a joint fraction of 10 % 0.7 iph ▲ approx. 0.0004 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 30 mm 1 ¼"							
Joint width	Stone size	80 × 40 cm 31 ½" × 15 ¾"	60 × 60 cm 23 ½" × 23 ½"	40 × 40 cm 15 ¾" × 15 ¾"	32 × 24 cm 12 ½" × 9 ½"	24 × 16 cm 9 ½" × 6 ¼"	9 × 11 cm ¾" × ¾"
	8 mm ⅜" (min.)	1,5 kg 3.4 lbs	1,4 kg 3.0 lbs	2,0 kg 4.5 lbs	2,9 kg 6.4 lbs	4,1 kg 9.0 lbs	7,3 kg 16.1 lbs
	10 mm ⅜"	1,9 kg 4.2 lbs	1,7 kg 3.7 lbs	2,5 kg 5.5 lbs	3,6 kg 7.9 lbs	5,0 kg 11.0 lbs	8,8 kg 19.4 lbs
	Polygonal slabs	approx. 4–6 kg 8–13 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.

ROMEX® GmbH
Industriepark Kottenforst
Mühlgrabenstraße 21
53340 Meckenheim
+49 (0) 2225 70954-20
www.romex-ag.de

