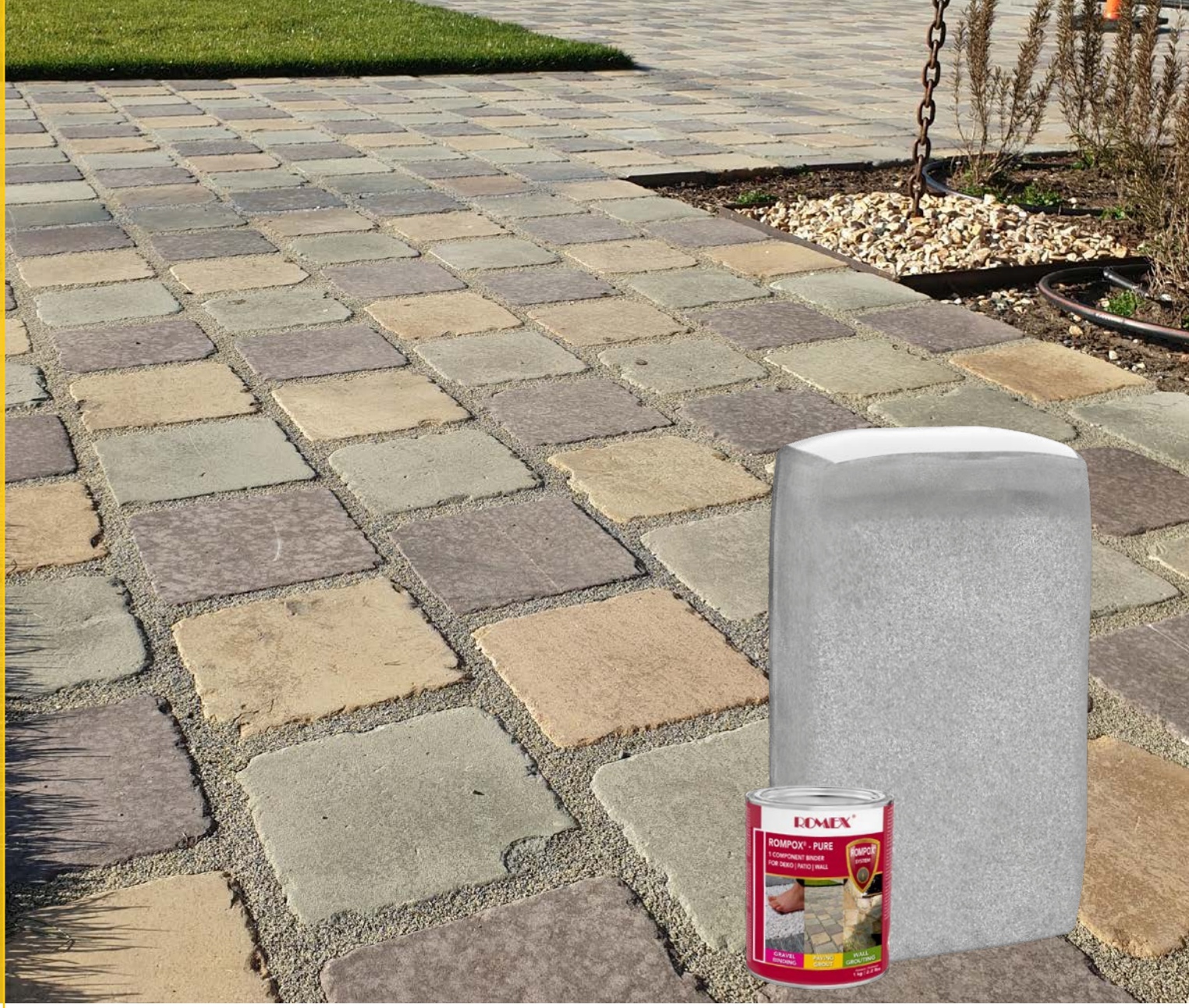


ROMPOX® - PURE | PATIO

The pavement jointing mortar for sensitive surfaces

ROMPOX® - PURE | PATIO is a 1-component special resin pavement jointing mortar that hardens/cures with air/oxygen after application. It was especially developed for the jointing of sensitive surfaces and coated concrete stone slabs. The jointed stone surface is almost resin film free, which maintains the natural colour of the stone. ROMPOX® - PURE | PATIO is used on patios and on surfaces around the house with light, occasional vehicle loads (on settling-free, water permeable bed). The pavement jointing mortar can be used on almost all natural stone, natural stone slabs, concrete stone slabs and clinker surfaces.

Properties

- joint widths from 5 mm | ¼"
- joint depths from 30 mm | 1 ¼"
- lightstable
- resin film free
- suitable for coated and sensitive stone surfaces as well as ceramic slabs
- frost and de-icing salt resistant
- highly water permeable
- no cement haze / residue


neutral


stone grey


basalt


light traffic loads up to 3.5 to


no weed growth


pressure washer use


firm to walk on

ROMPOX® - PURE | PATIO

The pavement jointing mortar for sensitive surfaces

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: 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 5 mm | ¼ "). With a slab thickness less than 30 mm, bonded laying methods should be used and the whole joint filled completely with ROMPOX® - PATIO. 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.

Pre-wet: Pre-wet the surface carefully, ideally with water spray. Do not let water accumulate in the joints. Avoid the use of too much water.

Mixing: Pour the 25 kg filler material component into a clean, sufficiently large bucket. Open the enclosed ROMPOX® - PURE tin and pour the contents completely into the filler material component. In order to fully use the container content, the tin should be scraped out. Start the mixing process. After 3 minutes of mixing time pour the pavement jointing mortar into a clean, dry bucket and mix for at least 3 more minutes. Please make sure that when pouring into the new bucket, all the resin remains on the inside of the bucket are scraped off and added to the new bucket. Do not add water! Total mixing time: at least 6 minutes. Use professional agitator.

Application: Pour the pavement jointing mortar evenly and completely onto the moistened surface. Subsequently, work the pavement jointing mortar into the joints using a broom or 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: Afterwards sweep of the stone surface using 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: The freshly jointed surface needs to be protected against rain for the next 24 hours. The rain protection layer must not be laid directly onto the paved surface, to ensure sufficient air circulation.

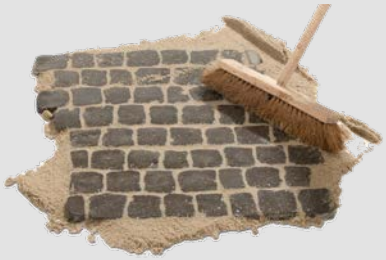
Important note - resin film: During the initial period a very thin film of epoxy resin could remain on the stone surface and intensifies the colour of the stone and protects it from dirt. The resin film is temporary and will disappear over time due to weathering and abrasion. In case of uncertainty, 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

Referred to test report, audited colour "neutral".		
System	1-component Polyurethane resin (PU)	
Compressive strength	17.9 N/mm² | 2 596 psi Laboratory value 16.7 N/mm² | 2 422 psi Building site value	DIN 18555 part 3
Bending tensile strength	7.1 N/mm² | 1 030 psi Laboratory value 6.4 N/mm² | 928 psi Building site value	DIN 18555 part 3
Static elasticity module	1 350 N/mm² | 195 801 psi Laboratory value 1 140 N/mm² | 165 343 psi Building site value	DIN 18555 part 4
Hard mortar raw density	1.59 kg/dm³ | 0.92 oz/in³ Laboratory value 1.48 kg/dm³ | 0.86 oz/in³ Building site value	DIN 18555 part 3
Application time at 20 °C | 68 °F	20–30 minutes	ROMEX®-norm 04
Application temperature	> 7 °C up to max. 30 °C | > 44.6 °F up to max. 86 °F At lower temperatures slow hardening, at high temperatures quick hardening	
Surface re-opening at 20 °C | 68 °F	after 24 hours can be walked on, after 6 days fully load bearing	
Water permeability coefficient*	4.96 × 10⁻³ m/s ≙ approx. 15 l/min/m² for a joint fraction of 10 % 703 iph ≙ approx. 0.37 gal/min/sqft for a joint fraction of 10 %	
Storage life	12 months, dry, frostfree	

Consumption table in kg/m² | lb/sq ft - Basis for 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 ⅜" × ⅜"
	5 mm | ¼" (min.)	0,8 kg 1.9 lbs	0,8 kg 1.7 lbs	1,1 kg 2.5 lbs	1,6 kg 3.5 lbs	2,3 kg 5.0 lbs	4,2 kg 9.2 lbs
	10 mm | ⅜"	1,7 kg 3.6 lbs	1,5 kg 3.2 lbs	2,2 kg 4.8 lbs	3,1 kg 6.8 lbs	4,3 kg 9.5 lbs	7,6 kg 16.8 lbs
	Polygonal slabs	We recommend ROMPOX® - D1					

Further information, films and consumption calculator can be find at https://romexcanada.com/customer-tools



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 June 2020. We reserve the right to make changes.

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

ADVERSE WEATHER WARNING!
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ROMEX® PERMEABLE HARDSCAPES