



# ROMPOX® - PROFI-EASY

Economical binding agent for pavement fixing mortars



ROMPOX® - PROFI-EASY is an economical binding agent for washed, dried and dustfree quartz sand (grainsize from approx. 0,3–1,2 mm | 0,01"–0,05") for the manufacture of pavement jointing mortar. After application it hardens/cures with air/oxygen.

ROMPOX® - PROFI-EASY is used all around the house such as patios, footpaths and surfaces that have occasional light vehicle loads (with non settling, water permeable foundation beds). The pavement jointing mortar can be used with almost all natural stones, natural and concrete stone slabs as well as clinker stone surfaces.

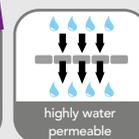


Colour examples for separately bought quartz sand



## Properties

- recommended joint widths from 5 mm | ¼", narrower joints can be jointed but with increased work
- for joint depths from 30 mm | 1 ¼"
- weed & ant resistant
- mixed ready to use, vacuum packed
- suitable for coated and sensitive stone surfaces



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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. Loads that later go over the surface must not cause the surface to sink 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. Do not use in "permanently wet areas" (swimming pools, fountains, drains, drip edges etc.) Only use with water permeable superstructures (bed and base course) or on a slope of at least 2 %.

**Preparation:** Clean out joints to a depth of at least 30 mm | 1 ¼" (in case of traffic loads ½ of stone height, minimum joint width 5 mm | ¼"). 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.

**Pre-wetting:** It is important to pre-wet the surface and keep it moist during the install. More porous surfaces as well as hotter surface temperatures, will require more and consistent pre-wetting. Ensure water is not collecting in the joints.

**Mixing:** Pour the 25 kg | 55 lbs filler components (washed, dried and dustfree quartz sand) into the mixing tub and start the mixing process. Whilst mixing, slowly add the well shaken 1 kg | 2.2 lbs resin binding agent completely into the mixture. Mixing time at least 5 minutes. Use professional agitator or rotary-drum mixer / compulsory mixer.

**Application:** Pour the pavement jointing mortar evenly and completely onto the well 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.

**Tip for narrow joints:** In order to compact the joints even better, the freshly applied paving joint mortar can be elutriated using a water spray jet. Sunken joints are re-filled with more pavement jointing mortar. Avoid any standing water in the fresh joints, ensure there is sufficient slope.

**Final cleaning:** Use a soft, hair broom to carefully sweep the stone surface until all residual mortar has been removed. Sweeping should be done diagonally to the joint. Do not re-use swept off material. Residual material on the stone surface can still be swept off with a street broom after 24 hours.

**Important information:** ROMPOX® - PROFI-EASY has a unique odour. This will disappear after time as the product fully hardens. We thus recommend only using the product in well-ventilated areas outdoors. With application without pre-wetting, a gloss film is formed which changes the colour of the stone and protects it from dirt. This will disappear over time from weathering. In case of doubt, please lay a sample surface before commencing entire jointing. Work tools can be cleaned with water after jointing. During work, it is recommended that impermeable and resistant protective gloves, tightly closed protective glasses and protective work clothing are worn. Moss, leaves and weeds that can store water should be removed from the jointed surface regularly. Due to raw materials, the joint may sand off slightly. All filler materials are natural products which are subject to natural colour deviations.

**Information:** It takes time for the pavement jointing mortar to harden to its full strength. This process can take up to 4 weeks or longer, depending on how often the hardening process is interrupted by rain or low temperatures. The pavement jointing mortar really needs dry weather to harden fully. Moisture/cold delays this process. Hardening will eventually take place, sooner or later. It is recommended, not to use high pressure cleaners on the jointed paved surface during the first month. Solvents or solvent-containing colour enhancers (except the ROMPOX® - COLOUR-ENHANCER) should also not be used on the pavement jointing mortar because these can dissolve the mortar.

## Technical data

Test report, audited colour „neutral“, goods in buckets.		
System	1-component-Polybutadiene	
Compressive strength	7.1 N/mm <sup>2</sup>   1 030 psi Laboratory value 5.9 N/mm <sup>2</sup>   856 psi Building site value	DIN 18555 part 3
Bending tensile strength	3.4 N/mm <sup>2</sup>   493 psi Laboratory value 3.6 N/mm <sup>2</sup>   522 psi Building site value	DIN 18555 part 3
Static elasticity module	820 N/mm <sup>2</sup>   118 931 psi Laboratory value 690 N/mm <sup>2</sup>   100 076 psi Building site value	DIN 18555 part 4
Hard mortar raw density	1.54 kg/dm <sup>3</sup>   0.89 oz/in <sup>3</sup>	DIN 18555 part 3
Application time at 20 °C   68 °F	approx. 25 minutes	
Application temperature	5 °C up to max. 30 °C   41 °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 24 hours can be walked on, after 6 days fully load bearing	
Water permeability coefficient*	3.91 × 10 <sup>-3</sup> m/s ≙ approx. 12 l/min/m <sup>2</sup> for a joint fraction of 10 % 554.2 iph ≙ approx. 0.29 gal/min/sqft for a joint fraction of 10 %	
Storage life	24 months dry, frostfree (Protect container against direct sunlight, do not stack pallets)	

Consumption table in kg/m <sup>2</sup>   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 ¾" × ¾"
	5 mm   ¼" (min.)	0,9 kg 1.9 lbs	0,8 kg 1.7 lbs	1,2 kg 2.6 lbs	1,7 kg 3.7 lbs	2,4 kg 5.2 lbs	4,4 kg 9.6 lbs
10 mm   ¾"	1,7kg 3.8 lbs	1,5 kg 3.4 lbs	2,3 kg 5.0 lbs	3,2 kg 7.1 lbs	4,5 kg 9.9 lbs	7,9 kg 17.5 lbs	7,9 kg 17.5 lbs
Polygonal slabs	We recommend ROMPOX® - D1						

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



Further information, films and consumption calculator can be find at [www.romexusa.com](http://www.romexusa.com)

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CALL ROMEX® BEFORE INSTALL!

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