



ROMPOX® - PROFI-EASY

Economical binding agent for pavement fixing mortars

Product information



Art. no. 1007

1 component synthetic resin binding agent for washed, dried and dustfree quartz sand (grainsize from approx. 0,3 - 1,2 mm) for the manufacture of pavement fixing mortar.*1

- for pedestrian loads
- for joint widths from 8 mm
- for joint depths from 30 mm
- highly water permeable
- easy to mix
- can be applied during drizzle
- surface does not need to be covered during drizzle
- practically free of resin film



No weed growth



Firm to walk on



No cement residue



Application films under www.romex-pfm.de

ROMEX[®]
PFLASTERFUGENMÖRTEL

*1 Delivery without quartz sand. This can be sourced on the part of the contractor, i.e. from building material trade suppliers or quartz sand works.



Please also take note of the flyer
"Technical information & practical application tips".

Construction site requirements: Superstructure and substructure must be water permeable. The subsurface should be prepared according to the expected traffic loads. The regulations and leaflets for the manufacture 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, "ROMEX® - TRASS-BED - the frost resistant drainage mortar" should be used. See separate product information.

Preparation: Clean joints to a depth of at least 30 mm (min. joint width 8 mm). The surface to be jointed should be cleaned of all soiling before jointing. Adjoining surfaces that are not to be jointed are taped off.

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

Mix: Pour 25 kg of quartz sand (on the part of the contractor, washed, dried and dustfree) and the well shaken 1 kg of synthetic resin binding agent, completely into a concrete mixer (alternatively: mortar tub with mixer) and start the mixing process. Mixing time at least 5 minutes.

Application: Pour the ready prepared pavement fixing mortar onto the well damp surface and pre-distribute using a shovel or metal squeegee. Use a hard rubber squeegee or street broom to compactly work the material into the joints.

Professional tip: In order to compact the joint even more, the freshly applied pavement fixing mortar can be elutriated using a water spray. Any dropped joints can be re-filled with pavement fixing mortar. Avoid standing water in the freshly laid joints - ensure sufficient slope.

Final cleaning: Carefully clean the paved surface immediately after application using a hair broom. Sweep diagonally to the joint. Swept-off material should not be re-used.

Subsequent treatment: Rain protection is not necessary in case of drizzle. In case of permanent or heavy rain, the freshly jointed surface should be protected against rain for 24 hours. The rain protection (building sheet/cover) can be laid directly onto the surface. 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 notes: In case of uncertainty, a sample surface should be laid before the entire jointing is done. Do not use in a permanently wet environment (swimming pools, fountains, drain gutters, drip edge etc.) Moss, leaves and weeds that cause water to gather should be cleaned from the joint surface regularly. Only use on water permeable substructures. In cases of permanent water loads/standing water, the mortar may start to disintegrate. Only to be used outdoors.

Application data:

Application time:	approx. 30 minutes at +20 °C application temperature
Surface temperature:	> 0 °C (≤ +30 °C)
at low temperatures:	slow hardening
at high temperatures:	quick hardening
Surface re-opening:	- can be walked on after 24 hours / final re-opening after 6 days - in case of rain/elutriating the hardening time may increase by one day

Technical data*2:

	Laboratory value	Building site value*3
Hard mortar raw density:	1,54 kg/dm ³	1,37 kg/dm ³
Bending tensile strength:	3,4 N/mm ²	2,2 N/mm ²
Compressive strength:	5,9 N/mm ²	4,0 N/mm ²
Static elasticity module:	820 N/mm ²	690 N/mm ²
Water permeability value: 3,91 · 10 ⁻³ m/s = approx. 12 l/min/m ² (for a joint fraction of 10 %)*4		

Storage life: 24 months, frostfree

Consumption table in kg/m² *2 - Basis for calculation: joint depth Ø 30 mm							
Stone size		40 x 40 cm	20 x 20 cm	16 x 24 cm	14 x 16 cm	9 x 11 cm	4 x 6 cm
Joint width	8 mm	1,7	3,4	3,3	4,4	6,5	12,4
	10 mm	2,2	4,3	4,2	5,5	8,2	15,5
Polygonal slabs		ca. 4 - 6					

Consumption calculator under www.romex-pfm.de



Using the binding agent may cause minimal darkening of the pavement fixing mortar. 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. All application data applies to a temperature of +20 °C. Effective August 2009. We reserve the right to make changes.

*2 Values apply to the use of ROMEX® reference sand, grainsize 0,3 - 1,2 mm neutral

*4 water permeable acc. to „Leaflet on water permeable pavements and roads“ by Research institute for road and traffic; issue 1998

*3 acc. to ROMEX® testing method



Pre-wet



Mix



Pre-distribute



Work it in



Professional tip:
Subsequent wetting



Final cleaning