

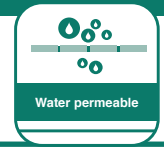
ROMEX®-JOINT STRENGTHENER



for pedestrian



No weed growth



Water permeable

For the strengthening of sand joints

1 component special liquid

For the strengthening of sand joints between natural and concrete stone paving stones and clinker surfaces, especially for protection against washing-out, wearing away and weed growth



PROPERTIES

- for pedestrian traffic loads
- water permeable
- can also be used with unbonded construction methods
- repairs cracks in paved stone joints
- for joint widths from 1 mm | 1/16"
- especially for coated concrete stone slabs
- can be applied from > 7°C | > 44,6°F surface temperature



Colour: transparent

ROMEX®
PFLASTERFUGENMÖRTEL

Films & Consumption calculator at www.romex-pfm.de

Application

Construction site requirements: The surface 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 out joints to a depth of at least 30 mm | 1 3/16". The surface should be cleaned of all kinds of dirt before strengthening. Any adjoining surfaces that are not to be strengthened should be taped off.

Pre-distribute: Fill joints with dry filler material (quartz sand or crushed sand/gravel mixture with grainsize grading curve 0,3-1,2mm | 1/32") then sweep off so that the stone surface is free of any sand residue.

Application WITH colour enhancement: Apply the undiluted ROMEX®-JOINT STRENGTHENER directly from the bottle with spray cap, spray machine (i.e. tree or garden sprayer) or watering can until the 30 mm | 1 3/16" deep joint is saturated.

Clean off: Remove any residue immediately with a double lip rubber squeegee. Any residue (i.e. in stone hollows) should be removed immediately using a wet sponge or towel. During the initial period, a very fine synthetic resin film remains on the stone surface which intensifies the colour of the stones and protects against dirt. This film disappears over the course of time due to weathering and abrasion. In case of doubt always lay a sample surface before doing the entire jointing. This applies especially to coated concrete stones / sensitive types of stone!

Application WITHOUT colour enhancement: Apply the undiluted ROMEX®-JOINT STRENGTHENER directly from the bottle with spray cap until the 30mm | 1 3/16" deep joint is saturated and only onto the joint. Any residue which may have got onto the stone surface should be removed immediately using a wet sponge or towel.

Subsequent treatment: Protect the freshly strengthened surface against rain for at least 48 hours. The rain protection should not be laid directly onto the surface, in order to allow air circulation.

Important instructions: In case of movement of the laid stones, which often happens with unbonded construction methods, the foundation bed may settle causing cracks in the joints. If a crack has appeared in the joint, this visual defect can be removed by adding new sand and reapplying ROMEX®-JOINT STRENGTHENER. If the surface is porous or there are higher surface temperatures, consumption increases (this applies only to „Application WITH colour enhancement“). When working with coated concrete stone slabs / sensitive types of stone and/or when no colour enhancement of the stone surface is required, then only apply to the joints (no pre-wetting required) and check „Application WITHOUT colour enhancement“!

Application data:

Application time:	20-30 minutes at +20 °C +68 °F application temperature
Surface temperature:	> 7 °C > 44,6 °F
at lower temperatures:	slow hardening
at high temperatures:	quick hardening
Surface re-opening:	can be walked on after 48 hours / final re-opening after 6 days

Storage life: 12 months, frostfree (protect container against direct sunlight)

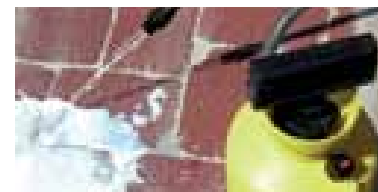
Consumption table in kg/m² | lb/sq ft - Basis for calculation: Joint depth 30 mm | 1 3/16"

Stone size		40x40 cm	20x20 cm	16x24 cm	14x16 cm	9x11 cm	4x6 cm
		16" x 16"	8" x 8"	6 5/16" x 10"	5 5/16" x 6 5/16"	3 9/16" x 4 3/8"	1 5/8" x 2 3/8"
Joint width	3 mm	0,1 - 0,2	0,2 - 0,4	0,25 - 0,5	0,3 - 0,6	0,4 - 0,8	0,8 - 1,6
	1/8"	0,02 - 0,04	0,04 - 0,08	0,05 - 0,10	0,06 - 0,12	0,08 - 0,16	0,16 - 0,33

Note: Porous surfaces and higher surface temperatures increase consumption.



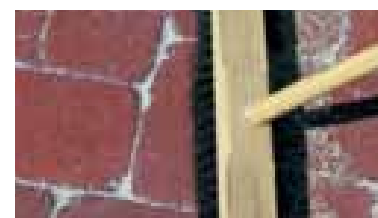
Pre-distribute



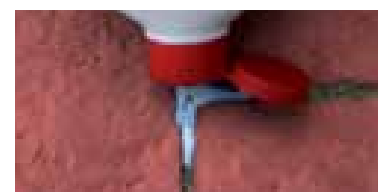
Application WITH colour enhancement



Clean off



Final cleaning



Application WITHOUT colour enhancement