



up to 3t

ROMPOX® - DRAIN PLUS

The reliable pavement fixing mortar

Product information



Colour: neutral

Art. no. 4021

Colour: stone grey

Art. no. 4022

Colour: basalt

Art. no. 4023



2 component epoxy resin pavement fixing mortar

- for light to medium traffic loads
- for joint widths from 5 mm
- for joint depths from 30 mm
- highly water permeable
- self-compacting

- can be applied during drizzle
- no need to cover surface during drizzle
- quick re-opening to traffic

THE PLUS



No weed growth



Firm to walk on



No cement residue



Application films under www.romex-pfm.de

ROMEX[®]
PFLASTERFUGENMÖRTEL



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

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 (minimum joint width 5 mm). 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. Porous surfaces as well as higher surface temperatures, require more intense pre-wetting.

Mix: Pour the **25 kg filler components** into the mixing tub and start the mixing process. Whilst mixing, slowly add the separately packaged **1,5 kg resin/hardener component** completely into the mixture. After mixing for 3 minutes add 2 litres of water and continue mixing well for at least 3 minutes.

Application: Apply the mixed pavement fixing mortar onto the well damp surface and work it carefully into the joints using a squeegee/rubber slider. In order to use the optimum flow capacity of the pavement fixing mortar, it is poured onto 3 to 4 areas of the jointing area.

Final cleaning: After approx. 10-15 minutes the excess mortar on the surface of the stones can be swept off carefully with a large, coarse broom. Then use a soft, hair broom to do a final cleaning until all residual mortar has been removed from the surface. The correct moment for sweeping is when white smears no longer form on the stone surface during sweeping. Sweeping should be done diagonally to the joint. Do not re-use swept off material.

Subsequent treatment: Rain protection is not necessary in case of drizzle. In case of permanent or pouring rain, the freshly jointed surface needs to be protected against rain for the next 6 hours. The rain protection layer must not be laid directly onto the paved surface, this is to ensure sufficient air circulation. Safe rain protection is afforded by the specially developed ROMEX® protective surface mats, that can be simply laid onto the surface. Please ask your trade supplier. 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. In case of uncertainty, a sample surface should be tested before the entire jointing is done.

Application data:

Application time:	20 - 30 minutes at +20 °C application temperature
Surface temperature:	> 0 °C (≤ +25 °C)
at low temperatures:	slow hardening
at high temperatures:	quick hardening
Surface re-opening:	after 6 hours / driven on after 24 hours

Technical data:

	Laboratory value*1	Building site value*2
Hard mortar raw density:	1,64 kg/dm ³	1,29 kg/dm ³
Bending tensile strength:	8,1 N/mm ²	3,0 N/mm ²
Compressive strength:	24,1 N/mm ²	9,5 N/mm ²
Static elasticity module:	2.640 N/mm ²	1.610 N/mm ²
Water permeability value:	-	4,96 · 10 ⁻³ m/s = approx. 15 l/min/m ² (for a joint fraction of 10%)*3

Storage life: 24 months, resin/hardener components: frostfree, filler components: dry

Consumption table in kg/m 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	5 mm	1,0	1,9	2,0	2,5	3,7	6,9
	8 mm	1,6	3,0	3,2	4,0	5,8	11,1
	10 mm	2,0	3,8	3,9	5,0	7,3	13,8
Polygonal slabs		approx. 4 - 6					

Consumption calculator under www.romex-pfm.de



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. All application data applies to a temperature of +20 °C. Effective August 2009. We reserve the right to make changes.

*1 without addition of water

*2 acc. to ROMEX® testing method

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



Pre-wet



Mix



Add water



Elutriation



Sweep off



Final cleaning