

ROMPOX® - PATIO

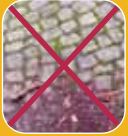
The pavement fixing mortar for sensitive surfaces

Product information

Resistant to foot traffic



No weed growth



No cement haze



25,75 kg package



Load bearing capacity:

> for pedestrian traffic



All application films are available on DVD/VHS videocassette from your trade partner or internet under www.romex-pfm.de.

ROMPOX® - PATIO

Order no. 1071



neutral

Order no. 1072



stone grey

Order no. 1073



basalt

Colours:

Ideally suited for:

Frost and de-icing salt resistant, weed free, abrasion resistant, environmentally friendly, quick, cost effective and permanent joint fixing of almost all natural and concrete paving stones, slabs and clinker surfaces.



Natural paving stones



Natural stone slabs



Concrete paving stones



Concrete slabs



Clinker surfaces

Short description of pavement fixing mortar for sensitive surfaces:

ROMPOX® - PATIO is a highly water permeable pavement fixing mortar, that has been developed especially for the jointing of coated concrete stone slabs and paving stones as well as „sensitive“ natural stone surfaces (of almost all known stone manufacturers). The jointed stone surface stays virtually resin film free!

Properties of ROMPOX® - PATIO:

- > for pedestrian traffic loads
- > for joint widths from 5 mm
- > for joint depths from 30 mm
- > virtually resin film free
- > highly water permeable
- > water resistant
- > 1 component special resin
- > UV resistant
- > colourfast
- > no offensive odour / almost odour free
- > can be applied to ground temperatures from > 7°C

Areas of application: e.g. pedestrian areas such as patios and pathways

Technical data:

Property	Unit	Laboratory value	Building site value*1
Hard mortar raw density	kg/dm ³	1,59	1,48
Bending tensile strength	N/mm ²	7,1	6,4
Compressive strength	N/mm ²	17,9	16,7
Static elasticity module	N/mm ²	1.350	1.140
Water permeability value	m/s	-	4,98 · 10 ⁻³ = approx. 14,9 l/min/m ² (for a joint fraction of 10%)*2

Storage life: 12 months, resin components: frost free, filler components: dry

*1 according to ROMEX® testing methods

*2 water permeable according to the "Leaflet on water permeable pavements and roads", by Research institute for road and traffic; issue 1998



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Instructions for use: Please take note of the information regarding the preparation of paving stones and surfaces in the brochure „TECHNICAL INFORMATION & practical application tips“.



- 1 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.
- 2-4 Pour the 25 kg filler component completely into the bucket and start the mixing process. Whilst mixing, slowly add the separately packaged special resin component (0,75 kg tin) completely into the mixture. Mixing time: at least 3 minutes.
- 5-6 After 3 minutes of mixing time pour the pavement fixing 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. Total mixing time (steps 1 - 6): at least 6 minutes.
- 7 Moisten the stone surface carefully with water (ideally with water spray). Do not let water accumulate in the joints. Avoid the use of too much water.
- 8-9 Pour the ready to use pavement fixing mortar onto the moistened surface and using a rubber squeegee, work it in well so it is deep, hard and compact in the joints. Application time 20 - 30 minutes at a working temperature of +20°C.
- 10 Finally, using a coconut broom (fine hair broom) clean the stone surface until it is free of all mortar residue. Swept off material is no longer used. Sweep diagonally to the joint.
- 11-12 The freshly jointed surface must be protected against rain for 24 hours. The rain protection mat must not be laid directly onto the surface in order to ensure air circulation. Safe rain protection is afforded by the specially for this purpose developed ROMEX® - paved surface protective mats, which can be laid directly onto the surface. Ask your trade partner. In case of doubt, test a small sample surface before carrying out all the jointing.

Important note: Please take note of the information regarding the preparation of paving stones and surfaces in the brochure "TECHNICAL INFORMATION & practical application tips" and the ROMEX® application films.

Application data

Application time: 20 - 30 minutes at +20°C application temperature - at low temperatures → slower hardening Surface can be walked on after 24 hours, final re-opening after 6 days (at approx. 20°C surface temperature)
 Surface temperature: > 7°C - at higher temperatures → fast hardening

Consumption table in kg/m²:

Basis for calculation: average joint depth Ø 30 mm/joint width Ø 8 mm. This table is an aid for calculations. Due to the natural shape of paving stones, deviations are possible. The size of the stone (length x width) is given in cm. The calculating factor can be taken from the table. **Example: stone size 10 x 10 cm = 6,42 kg/m².** Consumption for additional colour stone grey: + approx. 3%, consumption for additional colour basalt: + approx. 5%. Consumption for polygonal slabs (no exact size): approx. 4 - 6 kg/m² (value from experience).

Stone size	4	5	6	7	8	9	10	11	12	13	14	15	16	18	20	30	40
4	14,45	13,19	12,32	11,66	11,16	10,75	10,43	10,15	9,93	9,73	9,56	9,42	9,28	9,06	8,88	8,35	8,07
6	12,32	11,07	10,19	9,53	9,03	8,63	8,30	8,04	7,80	7,61	7,44	7,29	7,16	6,93	6,76	6,22	5,94
8	11,16	9,91	9,03	8,38	7,88	7,47	7,15	6,87	6,64	6,44	6,28	6,13	6,00	5,78	5,60	5,06	4,78
10	10,43	9,18	8,30	7,65	7,15	6,74	6,42	6,14	5,92	5,71	5,54	5,40	5,26	5,05	4,87	4,33	4,06
12	9,93	8,68	7,80	7,15	6,64	6,24	5,92	5,64	5,41	5,21	5,05	4,90	4,76	4,55	4,37	3,83	3,55
14	9,56	8,31	7,44	6,78	6,28	5,87	5,54	5,28	5,05	4,85	4,68	4,53	4,40	4,18	4,00	3,47	3,19
16	9,28	8,04	7,16	6,51	6,00	5,60	5,26	5,00	4,76	4,57	4,40	4,25	4,12	3,91	3,72	3,19	2,91
18	9,06	7,81	6,93	6,28	5,78	5,37	5,05	4,77	4,55	4,35	4,18	4,03	3,91	3,68	3,51	2,96	2,69
20	8,88	7,64	6,76	6,11	5,60	5,20	4,87	4,60	4,37	4,17	4,00	3,85	3,72	3,51	3,33	2,78	2,51
30	8,35	7,09	6,22	5,56	5,06	4,65	4,33	4,06	3,83	3,63	3,47	3,32	3,19	2,96	2,78	2,25	1,97
40	8,07	6,83	5,94	5,29	4,78	4,39	4,06	3,78	3,55	3,36	3,19	3,04	2,91	2,69	2,51	1,97	1,69

Standard specifications for sale:

STANDARD SPECIFICATIONS FOR SALE for ROMEX® - pavement fixing mortar **ROMPOX® - PATIO**

Clean out joints to a depth of at least 30 mm and clean surface.
 Joint sealer with 1 component special resin jointing mortar, highly water permeable, for joint widths from 5 mm wide, virtually resin film free, UV and water resistant, colour-fast, practically odour free, can be applied to surface temperatures from > 7°C, frost and de-icing salt resistant, abrasion resistant and resistant to high pressure cleaners. Can be walked on after 24 hours, final re-opening after 6 days (at approx. + 20°C surface temperature).
 Please supply accurate and original building site data.
The detailed standard specifications for sales can be requested from ROMEX® at any time.

Please check out the other ROMEX® pavement fixing mortars for pedestrian traffic up to the heaviest traffic loads as well as ROMPOX® - WALL, the quick, cement free wall jointing mortar.

> 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.
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