

# ROMPOX® - WALL

The quick, cement free wall jointing mortar

## Product information

No frost damage



No weed growth



No cement haze



26 kg containers



Order no. 1081



neutral

Order no. 1082



stone grey

Order no. 1083



basalt

Colours:

### Ideally suited for:

The production of a 1 component wall jointing mortar for the frost free, UV and water resistant, environmentally friendly, quick, cost effective and permanent jointing of almost all natural and concrete stone walls, horizontal slabs and clinker surfaces.



Natural stone walls



Natural stone slabs



Concrete stone walls



Concrete stone slabs



Clinker surfaces

### Short description - quick, cement free – wall jointing mortar:

ROMPOX® - WALL is a quick, cement free and open to diffusion wall jointing mortar. Thanks to its unique application process, the application time is reduced by up to 90% compared to other conventional methods.

#### Properties of ROMPOX® - WALL:

- > for joint widths from 5 mm
- > for joint depths from 20 mm
- > 1 component special synthetic resin
- > open to diffusion i.e. → non sealant
- > frost and de-icing salt resistant
- > no unpleasant odour / almost odour free
- > UV and water resistant, colourfast
- > can be applied to surface temperatures from > 7°C

**Areas of application:** e.g. walls in gardens and landscaping, stairwells, horizontal house cladding made of natural or concrete stones and clinker stones.

### Technical data:

Property	Unit	Laboratory value	Building site value*1
Hard mortar raw density	kg/dm <sup>3</sup>	1,52	1,40
Bending tensile strength	N/mm <sup>2</sup>	6,8	6,0
Compressive strength	N/mm <sup>2</sup>	15,0	13,9
Static elasticity module	N/mm <sup>2</sup>	1.300	1.100
Water permeability value	m/s	–	7,05 · 10 <sup>-4</sup> = approx. 2,12 l/min/m <sup>2</sup> (for a joint fraction of 10%)*2

Storage life: 12 months, frost free and dry

\*1 according to ROMEX® testing methods

\*2 water permeable according to the "Leaflet on water permeable pavements and roads", Research institute for roads 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".



- 1-3 Clean out joints to a minimum depth of at least 20 mm (minimum joint width 5 mm). The surface to be joint fixed needs to be cleaned thoroughly before work is carried out. Tape off any adjoining surfaces that are not going to be joint fixed. Lay plastic in front of the area to be joint fixed, so as to be able to collect and re-use any mortar that falls down. Open the bucket, open the tin that is inside and pour the entire contents into the filler component in the bucket. Mixing time at least 3 minutes.
- 4-5 Pour the mixture into a separate, clean bucket and stir again for at least 3 minutes. Please make sure that any resin sticking to the inside of the bucket is scraped off and added to the mixture in the new bucket. Total mixing time at least 6 minutes. The wall jointing mortar is now ready to use.
- 6 Apply the ready to use wall jointing mortar onto the clean and dry stone surface. Wear comfortable and water resistant gloves (do not use gloves made of material or linen) and apply a handful of mortar using the palm and fingers to press it into the joint so it is in deep, hard and compact. Any material that falls onto the plastic can be re-used.
- 7 Immediately afterwards, the surface is carefully swept clean using a soft hand brush until the stone surface is free of any mortar residue. Sweep diagonally to the joint. Swept of material is not to be re-used.
- 8 The freshly jointed surface needs to be protected against rain for 24 hours. During the initial period a very thin film of epoxy resin remains on the surface of the wall and intensifies the color 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 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: 30 minutes at + 20°C application temperature  
Surface temperature: > 7°C

- at low temperatures → slower hardening  
- at higher temperatures → fast hardening

Hardening after approx. 24 hours, final re-opening after 6 days.

## Consumption table in kg/m<sup>2</sup>:

**Basis for calculation:** average joint depth Ø 20 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 = 4,00 kg/m<sup>2</sup>.** Consumption for additional colour stone grey: + approx. 3%, consumption for additional colour basalt: + approx. 5%. Consumption for polygonal slabs (no exact size): approx. 2,5 – 4,5 kg/m<sup>2</sup> (value from experience).

Stone size	4	5	6	7	8	9	10	11	12	13	14	15	16	18	20	30	40
4	9,00	8,22	7,67	7,26	6,95	6,70	6,50	6,33	6,18	6,06	5,95	5,86	5,78	5,64	5,53	5,20	5,02
6	7,67	6,90	6,35	5,94	5,63	5,38	5,17	5,00	4,86	4,74	4,63	4,54	4,46	4,32	4,21	3,87	3,70
8	6,95	6,17	5,63	5,22	4,90	4,65	4,45	4,28	4,14	4,01	3,91	3,82	3,74	3,60	3,49	3,15	2,98
10	6,50	5,72	5,17	4,76	4,45	4,20	4,00	3,83	3,68	3,56	3,45	3,36	3,28	3,14	3,03	2,70	2,52
12	6,18	5,41	4,86	4,45	4,14	3,89	3,68	3,51	3,37	3,25	3,14	3,05	2,97	2,83	2,72	2,38	2,21
14	5,95	5,18	4,63	4,22	3,91	3,66	3,45	3,28	3,14	3,02	2,91	2,82	2,74	2,60	2,49	2,16	1,98
16	5,78	5,00	4,46	4,05	3,74	3,48	3,28	3,11	2,97	2,85	2,74	2,65	2,57	2,43	2,32	1,98	1,81
18	5,64	4,87	4,32	3,91	3,60	3,35	3,14	2,97	2,83	2,71	2,60	2,51	2,43	2,29	2,18	1,85	1,67
20	5,53	4,76	4,21	3,80	3,49	3,24	3,03	2,86	2,72	2,60	2,49	2,40	2,32	2,18	2,07	1,73	1,56
30	5,20	4,42	3,87	3,47	3,15	2,90	2,70	2,53	2,38	2,26	2,16	2,06	1,98	1,85	1,73	1,40	1,23
40	5,02	4,25	3,70	3,29	2,98	2,73	2,52	2,35	2,21	2,09	1,98	1,89	1,81	1,67	1,56	1,23	1,05

## Standard specifications for sales:

STANDARD SPECIFICATIONS FOR SALES for the ROMEX® - wall jointing mortar ROMPOX® - WALL

Clean out joints to a depth of at least 20 mm and clean the surface.

Joint sealer with open to diffusion 1 component special synthetic resin jointing mortar with an application time of approx. 5 minutes per m<sup>2</sup>, for joint widths from 5 mm, UV and water resistant, colourfast, 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. Hardening 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.

> 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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**ROMEX®**  
Unternehmensgruppe  
ROMEX® AG

ROMEX® PFM GmbH  
Von-Bassenheim-Straße 2  
D - 53881 Euskirchen  
Tel.: +49 (0) 22 51 / 94 12-20  
Fax: +49 (0) 22 51 / 94 12-28  
E-Mail: info@romex-ag.de  
Internet: www.romex-pfm.de



Made in Germany

Your contact: