

# ROMPOX® - TRAFFIC V2

The hardest pavement fixing mortar

## Product information

Resistant to foottraffic



No weed growth



No cement haze



28 kg containers



Load bearing capacity:

> for vehicles up to 40t



ROMPOX® - TRAFFIC V2

Order Nr. 1041



neutral

Order Nr. 1042



stone grey

Order Nr. 1043



basalt

Colours:

### Ideally suited for:

frost and de-icing salt resistant, weed free, street-sweeping machine and 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 - hardest - pavement fixing mortar:

ROMPOX® - TRAFFIC V2 is a very slightly water permeable pavement fixing mortar.

Properties of ROMPOX® - TRAFFIC V2:

> for heaviest traffic loads

> for joint widths from 8 mm wide

> for joint depths from 30 mm deep

> high strength

> very slightly water permeable

> 2 component epoxy resin

> quick re-opening to traffic

> can be applied to ground temperatures of > 7 °C

Areas of application: e.g. bus stations, loading bays and roads

### Technical data:

Property	Unit	Laboratory value	Building site value**1
Hard mortar raw density	kg/dm <sup>3</sup>	1,83	1,71
Bending tensile strength	N/mm <sup>2</sup>	22,2	13,6
Compression strength	N/mm <sup>2</sup>	76,8	52,5
Static elasticity module	N/mm <sup>2</sup>	12.200	9.800
Water permeability coefficient	m/s	-	4,78 · 10 <sup>-6</sup> = approx. 0,015 l/min/m <sup>2</sup> (for a joint fraction of 10%)

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

\*1 according to ROMEX® testing methods

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PFLASTERFUGENMÖRTEL

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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".



- Clean out joints to a depth of at least 30 mm (minimum joint width 8 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.
- 3- Pour the filler components (25 kg sack) into the mixing tub and start the mixing process. Whilst mixing, slowly add the separately packaged resin/hardener component (2 plastic bottles stuck to each other) completely into the mixture. Total mixing time at least 6 minutes.
- 4-6 Apply the mixed pavement fixing mortar onto the surface and roughly distribute it using a spade or metal slider. Then work it hard, deep and compactly into the joints using a squeegee/rubber slider. Application time 15 - 20 minutes at a working temperature of + 20°C
- 7-8 Immediately after application sweep the stone surface carefully with a coarse street broom. Then use a soft, hair broom to do a final cleaning until all residual mortar has been removed from the surface. Sweeping should be done diagonally to the joint. Do not re-use swept off material.
- 9-11 The freshly jointed surface needs to be protected against rain for the next 12 - 24 hours. The rain protection layer must not be laid directly onto the paved surface, this is to ensure sufficient air circulation (see diagram 11). Safe rain protection is afforded by the specially developed ROMEX® - protective surface mats, that can be simply laid on the surface (see diagram 10). 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.

**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: approx. 15 - 20 minutes at + 20°C working temperature - at lower temperatures → slow hardening Surface can be walked on after 12 - 24 hours and driven on after 3 days (at approx. 20°C surface temperature)  
Surface temperature: > 7°C - at high temperatures → quick hardening

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

**Basis for calculation: 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 = 7,98 kg/m<sup>2</sup>.** Consumption for additional colour stone grey: + 3%, consumption for additional colour basalt: + 5%. Consumption for polygonal slabs (no exact size): approx. 4 - 6 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	17,96	16,40	15,31	14,50	13,87	13,37	12,97	12,62	12,34	12,09	11,88	11,70	11,53	11,27	11,04	10,37	10,03
6	15,31	13,77	12,66	11,85	11,23	10,73	10,32	9,99	9,70	9,46	9,24	9,06	8,90	8,62	8,41	7,73	7,38
8	13,87	12,32	11,23	10,41	9,79	9,28	8,88	8,54	8,26	8,01	7,81	7,62	7,46	7,18	6,96	6,29	5,95
10	12,97	11,41	10,32	9,51	8,88	8,38	7,98	7,63	7,35	7,10	6,89	6,72	6,54	6,28	6,05	5,39	5,04
12	12,34	10,79	9,70	8,88	8,26	7,75	7,35	7,01	6,73	6,48	6,28	6,09	5,92	5,65	5,43	4,76	4,42
14	11,88	10,33	9,24	8,43	7,81	7,30	6,89	6,56	6,28	6,02	5,81	5,63	5,47	5,20	4,97	4,31	3,96
16	11,53	9,99	8,90	8,09	7,46	6,96	6,54	6,21	5,92	5,68	5,47	5,28	5,12	4,85	4,63	3,96	3,62
18	11,27	9,71	8,62	7,81	7,18	6,68	6,28	5,93	5,65	5,41	5,20	5,01	4,85	4,58	4,36	3,68	3,34
20	11,04	9,50	8,41	7,59	6,96	6,46	6,05	5,72	5,43	5,19	4,97	4,79	4,63	4,36	4,14	3,46	3,03
30	10,37	8,82	7,73	6,92	6,29	5,79	5,39	5,04	4,76	4,51	4,31	4,12	3,96	3,68	3,46	2,79	2,45
40	10,03	8,49	7,38	6,57	5,95	5,45	5,04	4,69	4,42	4,18	3,96	3,78	3,62	3,34	3,13	2,45	2,10

## Standard specifications for sales:

STANDARD SPECIFICATIONS FOR SALES for ROMEX® - Pflasterfugenmörtel **ROMPOX® - TRAFFIC V2**

Clean out joints to a depth of at least 30 mm and clean the surface.

Joint compound made of high strength 2 component epoxy resin jointing mortar with very slight water permeability, for joints from 8 mm wide, can be applied to surfaces at temperatures from 7°C, frost and de-icing salt resistant, abrasion and street sweeping machine resistant.

Can be walked on after 12 - 24 hours and driven on after 3 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 heaviest traffic loads as well as the ROMEX® products for cleaning, protection and maintenance of stone surfaces.**

> 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.  
Issue April 2005. We reserve the right to make changes.

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