



ROMPOX[®] - PROFI-DEKO

The professional grit and gravel hardener

Product information



Colour: transparent

Art. no. 4031



2 component synthetic resin binding agent for washed, dried and dustfree gravel and grit (grainsize from approx. 2 - 10 mm).^{*1}

- for pedestrian loads
- for surface depths from 30 mm
- highly water permeable
- ideal for pathway construction and tree pits
- water resistant
- for professional use
- strengthens gravel and grit (grainsize from approx. 2-10mm)^{*1} (not suitable for white stones)
- high strength



Firm to walk on



No weed growth



Highly water permeable

 Application films under www.romex-pfm.de

ROMEX[®]
PFLASTERFUGENMÖRTEL

^{*1} Delivery without gravel / grit. This can be sourced on the part of the contractor, i.e. from building material trade suppliers.



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

Construction site requirements:

Superstructure and substructure must be water permeable. The subsurface should be built according to the expected traffic loads. Future loads must not result in any settling of the surface.

Preparation:

The surface to be strengthened should be prepared with a depth of at least 30mm, the subsurface should be firm. Adjoining surfaces that are not to be strengthened are taped off. Dusty, dirty gravel/grit should be washed and fully dried. (If moisture/damp are present then there may be a reduction in strength!)

Mix:

75 kg (3 x 25 kg) of clean and dry gravel / grit are put into the concrete or gravity mixer and the mixing process is started. Add the **3 kg resin/hardener component** slowly and completely whilst mixing. Total mixing time at least 6 minutes.

Application:

Pour the mixture onto the prepared surface, if necessary pre-distribute using a shovel and then use a levelling batten (use a gauge) to create at least 30 mm of layer thickness and an even height. Compact the mixture using a light vibratory plate or a smoothing trowel and make the surface smooth. Good compacting is vital, to ensure the longevity of the end product!

Subsequent treatment:

The freshly strengthened surface should be protected against rain for 24 hours. The rain protection should not be laid directly onto the surface so as to allow air to circulate.

Important notes:

Lay a sample surface before strengthening if there is any doubt about suitability of surface. Not suitable for white stones. Dry the washed gravel/grit (grainsize from approx. 2-10mm)*¹ completely, as moisture/damp can cause a reduction in strength.

Application data:

Application time:	20 - 30 minutes at +20 °C application temperature
Surface temperature:	> 0 °C (≤ +30 °C)
at low temperatures:	slow hardening
at high temperatures:	quick hardening
Surface re-opening:	can be walked on after 24 hours / free for full use after 6 days

Technical data:^{*2}

	Construction site value
Hard mortar raw density:	1,42 kg/dm ³
Bending tensile strength:	4,2 N/mm ²
Compressive strength:	12,3 N/mm ²
Water permeability value:	high ^{*3}

Storage life: 12 months, frostfree

Consumption in kg/m² - Basis for calculation: surface depth Ø 30 mm.
For each 1,5 m² of surface to be strengthened the following is required:
→ 3 kg resin/hardener component ROMPOX® - PROFI-DEKO
→ + 75 kg (3 sacks à 25 kg) gravel/grit (grainsize approx. 2 - 10 mm)* ¹

Consumption calculator under www.romex-pfm.de



The printed information in this flyer is based on experience and corresponds to the current levels of knowledge in science and practice, however it is not binding and has no legal force. All previous information becomes invalid with the issue of this flyer. All application data pertains to a temperature of + 20 °C. Edition August 2009. We reserve the right to make changes.

*1 Delivery without gravel/grit. This can be got on the part of the contractor, i.e. from the building material trade.

*3 water permeable according to „Leaflet for water permeable fixings of road surfaces“, Research society for roads and traffic (Germany); Issue 1998

*2 Values based on the use of ROMEX®
Reference gravel, grainsize 3/5mm



Mix



Pre-distribute



Level



Smooth using vibratory plate



Smooth with smoothing trowel