



# ROMPOX® - PROFI-DEKO SET

The strong decorative gravel flooring for high demands

Everything stays there where it should. Using the ROMPOX® - PROFI-DEKO SET, you can create discerning, non slip gravel surfaces in four attractive trend colours. Thanks to the combination of a modern 2-component synthetic resin binder system with extra dried, dust-free chippings (5/8 mm), decorative areas as well as garden paths or tree borders can be created with little effort. Due to its good resilience, it is also suitable for driveways and cemetery paths. The projects implemented with ROMPOX® - PROFI-DEKO SET in private and public areas are not only visually appealing, they are permanently water-permeable and even resistant to high-pressure cleaners.



## Properties

- surface depths from 20 mm | 3/4" \*
- for visually attractive gravel surfaces, garden paths, tree-surrounds and driveways with light, occasional traffic loads
- also for filling of non loadbearing grass pavers or ground/gravel pavers as well as suitable for jointing of non loadbearing ecological paved surfaces



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### APPLICATION

**Construction site requirements:** Superstructure and substructure must be water permeable. The foundation needs to be prepared according to the expected traffic loads. Future loads must not cause the surface to settle or loosen stones. Ideally, you would use ROMEX® Trass-Bed products. For optimum application it is recommended using ROMEX® application tools.

**Preparation:** Prepare surface for hardening by making sure it is compact and stable to a depth of at least 20 mm\* | ¾". Adjoining surfaces that are not to be joint-fixed are taped off. Particularly heavy used surfaces (e.g. public tree pits) have to install with a surface depth of min. 5 cm.

**Mixing:** Fill the 25 kg sack of decorative chippings (5/8 mm) completely into a clean, dry and sufficiently large mixing container / bucket or into a free-fall mixer. Detach both bottles from each other, open them and pour the contents of the smaller bottle (with red cap) completely into the contents of the large bottle (with black cap). Close the large bottle tightly with the black lid and immediately shake vigorously until a homogeneous, streak-free mass is obtained. This ensures that the resin and hardener are completely mixed. Pour the premixed resin / hardener component (1.2 kg) slowly and completely onto the decorative gravel. Start the mixing process. Total mixing time: at least 3 minutes. Use professional agitator or rotary-drum mixer / pug mill mixer.

**Note:** Store the resin/hardener component in a warmer environment before use to facilitate emptying since the contents of the bottles will flow more easily. Storage of the bottles in a cooler environment makes emptying difficult, but the contents of the bottles are then somewhat more viscous. In this case, special care must be taken to ensure that the resin/hardener component is completely emptied. **Basically:** the more resin/hardener component is used, the better the end result.

**Application:** Pour the ready to use mix onto the prepared surface; if necessary, disperse it with a shovel and draw off on the same level in a coat height of at least 20 mm\* | ¾" with a level rod. Compact the mixture using a light vibratory plate or smoothing trowel and then smooth off the surface. Good compacting is essential for a durable end product! Take care to avoid impurities by binding agent and footprints on the stone surface.

**Subsequent treatment:** The freshly jointed surface needs to be protected against rain for the next 24 hours. The rain protection layer must not be laid directly onto the paved surface, to ensure sufficient air circulation. Immediately after the surface has hardened, ROMPOX® - PROFI-DEKO is painted over the stone surface undiluted using a paintbrush or fur roller as a sealant. This ensures an even better surface strength. Consumption for subsequent sealing: approx. 200-300 ml/m² | 0.05-0.08 gal/sq ft. This process is repeated on average every 3 years or as soon as the first stones begin to loosen from the surface.

**Important notes:** In case of uncertainty, a sample surface should be tested before the entire jointing is done.

### Technical data

System	2-component epoxy resin	
Compressive strength	11,6 N/mm² Building site value	DIN EN 1015, part 6
Bending tensile strength	4,5 N/mm² Building site value	DIN EN 1015, part 6
Hard mortar raw density	1,65 kg/dm³ Building site value	DIN 18555, part 3
Application time at 20 °C   68 °F	20–30 minutes	
Application temperature	> 8 °C up to max. 30 °C   > 46 °F up to max. 86 °F At lower temperatures slow hardening, at high temperatures quick hardening	
Re-opening of surface at 20 °C   68 °F	after 24 hours can be walked on, after 6 days fully load bearing (depending on temperature and air humidity.)	
Water permeability coefficient *1	very high permeable	
Storage life	24 months resin/hardener components: frostfree, filler components: dry	

**1 set is sufficient for approx 0.8 m²**

**Consumption:** 26.2 kg sufficient up to 0.8 m² at approx. 2 cm layer thickness

### Consumption per SET:

- approx. 0,80 m² at Ø 20 mm\* surface depth (with bonded construction)
- approx. 0,50 m² at Ø 30 mm surface depth (with unbonded construction and Pedestrian loads)
- approx. 0,30 m² at Ø 50 mm surface depth (with unbonded construction and light, occasional traffic loads)

! \* Only with settlement-free, water permeable bedding and base course. We recommend ROMPOX® - TRASS-BED as bedding mortar.



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Please note that the calculation of the weight for the grit/gravel is only an approximation. The materials used are natural building materials and are therefore subject to natural fluctuations. When compacted, the volume decreases, by what the demand/quantity increases.

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. Effective June 2020. We reserve the right to make changes.

\*1 Water permeable according to „Leaflet on surfaces that allow for seepage“ (MVV), Issue 2013.

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