

Ready joint mortar paving, 1-comp., ready-to-use

Characteristics

GALABAU RJM-P 1K is a ready-to-use, water-permeable grout (joint mortar) for concrete stone and natural stone paving, flagstones and clinker brick surfaces. Can be easily washed or slurried into the joints and leaves no cavities. The new surface is easy to clean with a water-tolerant recipe.

- Water permeable – open-pored
- Hardens via oxygen from the air
- Ready to use
- Frost-proof
- Prevents weed growth
- Suitable for street sweepers

Use

GALABAU RJM-P 1K is used for the new jointing and renovation of natural stone, concrete stone and clinker brickwork.

Applications:

- New grouting and maintenance of areas capable of being drained.
- Gardens and parks, walkways, courtyards
- With a strong enough foundation suitable for areas where there is not much vehicle traffic

Specifications

Packaging	Vacuum bag/PE bucket
Container size	15 kg
Delivered as	50 containers/pallet
Colours/Shades	sand, stone grey, basalt
Working temperature	+5 °C to +30 °C
Processing time ¹⁾	approx. 30 minutes
Wet raw density	1.8 kg/l
Compression strength, 7 days	approx. 8 N/mm ²
Joint width	5 – 30 mm
Can be walked on after	after approx. 24 hours
Can take a full load after	approx. 7 days
Storage	frost-free, at least 12 months but only in a closed/sealed container

Quantity required

Large cobble stones	
160 × 190 mm	approx. 5.0 kg/m ²
140 × 170 mm	approx. 5.5 kg/m ²
Small cobble stones	
100 × 100	approx. 9.0 kg/m ²
90 × 90	approx. 9.5 kg/m ²
Mosaic cobble stones	
60 × 60	approx. 13.0 kg/m ²
50 × 50	approx. 16.0 kg/m ²
Calculation example - Jointing width: 8 mm / jointing depth: 30 mm	

¹⁾ At +20 °C and 60 % relative humidity.

Preparation of the surface

The substrate must be sufficiently load bearing and must be correspondingly designed for future dynamic loads. The joint flanks must be free of all types of impurities.

The complete structure must be water permeable so that no water is able to stagnate in the joints.

Prerequisites:

Minimal joint width:	5 mm
Minimal joint depth:	
-for small cobble stones	25 mm
-for large cobble stones	30 mm

The surface to be grouted should be constructed in such a manner that later loads do not cause any loosening of the lining's joints.

Before the application of the mortar, the surface must be moistened with water spray; however, no water may stagnate in the joints themselves.

Application

The material is ready to use. Tip out from the vacuum plastic bag in the PE bucket directly on to the paving surface (well wetted). Brush in to the joints or wash in as a slurry. If the grout is washed in as a slurry, then it will compact better and the cohesiveness will be higher.

1. Cut open the plastic vacuum bag and pour contents onto the well-moistened paving surface.
2. Grouting with **GALABAU RJM-P 1K** is done by slurring in the material with a squeegee or a suitable brush. For this, we recommend forming the grout into a suitable slurry by using sufficient water.
3. After 15-20 minutes the joints are compacted with a medium-hard brush, lengthwise and sideways. Brush off any residue on the stone surface and completely remove with water mist. The pavement must not be allowed to dry out completely until it has been completely cleaned.
4. Immediately after use, clean all processing equipment with water.

Post-treatment

Protect the fresh joints from frost and heavy precipitation. Heavy rain can wash out the grout again. The new surface can be walked on after approx. 24 hours and can take a full load after approx. 7 days.

Important notes

- Adhere to the processing temperature from +5 °C to +30 °C.
- The sub-base (foundation) must be able to bear a load and sufficiently permeable so as to prevent any subsidence (settlement) or frost damage.
- The freshly jointed surface must be protected from frost for at least 24 hours. A stain due to rain, etc. must be correspondingly avoided. Do not subject the joints to a load too early.
- Carry out a preliminary test.

Ingredients

Reactive synthetics, natural sands

Safety provisions/recommendations

The usual hygiene measures and safety precautions applicable to the handling of chemical products must be observed. Make sure you wear the correct protective clothing.

Disposal

The local waste removal regulations must be observed.

Manufacturer

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