

# GALABAU RJM-C 1K



**Ready joint mortar ceramics, 1-comp.  
for fine joints  $\geq 2$  mm, ready-to-use**

## Characteristics

**GALABAU RJM-C 1K** is a ready-to-use, water permeable joint mortar for ceramic plates, paving, natural stone slabs and clinker tiling. Easy to wash into joints without creating any hollow spaces. Water-tolerant formula ensures that newly created surfaces are easy to clean. Particularly suitable for joint widths starting from 2 mm.

- Water permeable – open pored
- Aerial oxygen hardening
- Ready-to-use
- Frost-proof
- For light traffic load
- Prevents weed growth
- For joint widths starting from 2 mm

## Use

**GALABAU RJM-C 1K** for new jointing and renovation of ceramic plates, paving, natural stone slabs and clinker tiling.

## Areas of application:

- New grouting and repairing drainable areas to be grouted
- Gardens and parks, walkways, courtyards
- With a suitable substrate, for light traffic load.

## Specifications

Packaging	Vacuum bag / PE bucket
Container	15 kg
Delivery form	50 container/pal.
Colours	cementgrey, sand, slate
Processing temperature	+5 °C to +30 °C
Processing time <sup>1)</sup>	about 40 minutes
Wet raw density	1.8 kg/l
Compression strength after 7 days	>15 N/mm <sup>2</sup>
Joint width	2 – 30 mm
Traversable	after about 24 hours
Capable of being fully loaded	after approx. 7 days
Storage	frost free, at least 12 months or only in closed container

## Quantity required

Stone size:	
600 × 400 mm joint width 2 mm	0.46 kg/m <sup>2</sup>
joint width 3 mm	0.67 kg/m <sup>2</sup>
500 × 500mm joint width 2 mm	0.44 kg/m <sup>2</sup>
joint width 3 mm	0.66 kg/m <sup>2</sup>
300 × 300 mm joint width 2 mm	0.73 kg/m <sup>2</sup>
joint width 3 mm	1.09 kg/m <sup>2</sup>
100 × 200 mm joint width 2 mm	1.64 kg/m <sup>2</sup>
joint width 3 mm	2.46 kg/m <sup>2</sup>

Calculation example with joint depth: 30 mm

<sup>1)</sup> At +20 °C and 60 % relative air 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 void of all types of impurities.

The overall structure must be water permeable so that no water stagnation occurs in the joints.

Prerequisites:

Minimum joint width:	2 mm
Minimum 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.

Prior to applying 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 and is to be poured directly from the vacuum plastic bag in the PE bucket onto the well-moistened paving surface and then broomed or sluiced. Sluicing the pavement fixing mortar increases compaction and thus resistance.

1. Cut open the vacuum plastic bag and pour to the well moistened paving surface.
2. Grouting with **GALABAU RJM-C 1K** is completed through application with a squeegee or a suitable broom. For this, we recommend sluicing the mortar with sufficient water.
3. After 15 – 20 minutes, the introduced joints are compacted with a medium-hard broom lengthwise and sideways. Residues on the stone surface are swept away and removed without residue using water mist. The pavement must not be allowed to dry out completely until it has been completely cleaned.
4. Clean the working equipment immediately after use with water.

## Post-treatment

Until it has hardened, protect the fresh joints from frost and strong precipitation. In case of strong precipitation, there is a danger that the fresh joints may be sluiced out.

The surface is traversable after about 24 hours and capable of being fully loaded after approx. 7 days.

## Important notes

- Adhere to the processing temperature of +5 °C to +30 °C
- The substrate must be loadable and sufficiently permeable to prevent resulting settling and frost damage.
- The freshly grouted surface must be protected from frost for at least 24 hours. Both loading the fresh joints prior to heavy rain and too early loading of the joints must be avoided.
- Carry out an advance trial.

## Ingredients

Reactive binding agents, natural sands

## Safety provisions/recommendations

The standard hygienic and precautionary measures in dealing with chemical substances must be followed. Wear suitable work protective clothing.

## Disposal

The local waste removal regulations must be observed.

## Manufacturer

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