

BELLAKOL

BELLAKOL is a cementitious tile adhesive, intended to be used with water only. It is suitable for walls and floors, interior or exterior.



KEY FEATURES

- ▶ BELLAKOL is a grey powder composed of cement and fine aggregates and special additives.
- ▶ Has extended open time property
- ▶ Tiled floor can be made available to light traffic after 24 hours.

GUIDELINES FOR BELLAKOL APPLICATIONS

Size of tile (cm ²)	50 < S ≤ 500	500 < S ≤ 1600	1600 < S ≤ 1800	1800 < S ≤ 3600	3600 < S ≤ 10000
Interior floor	✓	✓	✗	✗	✗
Exterior floor	✓	✓	✗	✗	✗
Interior wall	✓	✓	✗	✗	✗
Exterior wall	✓	✓	✗	✗	✗
Interior tiling over existing tiles	✗	✗	✗	✗	✗
Exterior tiling over existing tiles	✗	✗	✗	✗	✗
Wet area	✓	✗	✗	✗	✗

- ✓ Recommended (Single Bedding)
- ✗ Not Recommended

RECOMMENDATIONS

Do not use Bellakol in the following cases:

- ▶ On tiles having a surface area greater than 3600 cm²
- ▶ On wooden substrates
- ▶ On metallic, rubber, PVC surfaces
- ▶ On walls or floors subject to strong shrinkage, movement or vibration
- ▶ Where a fast setting tile adhesive is required
- ▶ For installation of glass mosaics

APPLICATION METHODOLOGY

SURFACE PREPARATION

- ▶ New floor and wall surfaces must be allowed to cure for a minimum periods, as tabulated below, to ensure that tile installation is not subjected to dry shrinkage movements:
- ▶ All supporting substrates must be free of oil strains, dust, laitance and other bond inhibiting compounds.

Type of Substrate	Age of Curing
New concrete	6 weeks
New Screed	4 weeks
New Render	2 weeks

- ▶ Ensure that the substrate is flat, stable, well adhered and has a normal absorption.
- ▶ Correct imperfections on the substrate at least 48 hours before application of the tile adhesive.
- ▶ Humidify the surface with a masonry brush before applying BELLAKOL.

PREPARATION AND APPLICATION OF ADHESIVE

- ▶ Gradually add the contents of a bag of 20Kg of BELLAKOL to 5.0 - 5.5 L of clean water and mix until obtaining a smooth and homogeneous paste.
- ▶ It is important to pour the product in water and not vice versa.
- ▶ Let stand for about 2-3 mins. The adhesive is now ready to use.
- ▶ Apply BELLAKOL over the surface using the straight edge of the notched trowel and then comb the applied adhesive using the notched side of the trowel.
* Refer to Table 1 for the application protocol according to the dimension of the tile to be used.
- ▶ Within the opening time, place the tile on the substrate and press firmly to ensure the contact between the two surfaces and evacuate air from the surface.

APPLICATION TIPS

To maximise adhesion, spread a thin layer of BELLAKOL on the substrate using the flat side of the trowel to fill uneven surfaces before applying the adhesive.

TECHNICAL DATA

In compliance with EN 12004

PRODUCT IDENTITY

Type	Powder
Colour	Grey
Storage	6 months in a cool dry place
Packaging	20 kg

COMPOSITION AND PROPERTIES

Mixing ratio	5 – 5.5 L per bag
Density of mix	1,800 kg/m ³
Pot life	Less or equal to 2 hours
Open time	30 mins *
Adjustability time	< 45 mins
Set to light foot traffic	After 24 hours
Ready for use (Normal surface)	14 days

* Under normal temperature and humidity conditions. Unfavorable conditions, such as direct sunlight, wind and/or high temperatures may reduce this time considerably.

TECHNICAL PERFORMANCE

BOND STRENGTH ACCORDING TO EN 1348	(N/mm²)
Initial Tensile Adhesion	≥ 1.0
Tensile Strength after water immersion	≥ 1.0
OPEN TIME ACCORDING TO EN 1346	(N/mm²)
Open Time after 30 minutes	> 0.5
SLIP ACCORDING TO EN 1308	(mm)
Slip	< 0.5

TESTS / STANDARDS

- ▶ Quality control tests have been performed based on EN 1015 and EN 1348 methods of mortar & adhesive testing.
- ▶ Dry mixed Products Ltd is certified ISO 9001, as such there is a factory production control system in place to ensure good quality of raw materials, semi-finished materials and finish goods.

APPROXIMATE COVERAGE

Coverage (m²) per bag using single bedding.

Application Technique	Single buttering	Single buttering	Single buttering
Trowel (size)	6 x 6 x 6 mm Trowel positioned @ 60°	8 x 8 x 8 mm Trowel positioned @ 60°	10 x 10 x 10 mm Trowel positioned @ 60°
Coverage (m ²)	7.5	6.0	5.5

GROUTING

Wall joints can be grouted after 4 – 6 hours, depending on absorbency and floor joints can be grouted after 24 hours.

HEALTH & SAFETY INSTRUCTIONS

As with all cement based products:

- ▶ Wearing of gloves, goggles are highly recommended during application
- ▶ Avoid contact with the eyes & skin
- ▶ In case of contact with skin or the eyes, wash abundantly with clean water
- ▶ In case irritation persists, consult a doctor immediately

For further information and advice on the safe handling, storage and disposal of this products, user shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

NOTES

The information, and, in particular, the recommendations relating to the application and end-use of DRYMIX products, are given in good faith based on DRYMIX's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with DRYMIX's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered.