



ISOLCOLL A10 SUPER COL23

C1E
UNI EN
12004

ITEM SPECIFICATIONS

Cement based powder adhesive with extended open-ended working time, for internal applications, for ceramic tiles with deep fluting, on irregular backgrounds, with application thickness up to 15 mm, class C1E.

THE PRODUCT



FOR FLOOR



FOR INDOOR



CEMENT BASED



WHITE AVAILABLE



OPEN-ENDED WORKING TIME



TO BE APPLIED AT TEMPERATURE FROM 5°C TO 35°C



EXCELLENT PRICE/ PERFORMANCE RATIO



PACKS OF 25 KG



PACKS OF 14 KG



PACKS OF 10 KG



MECHANICAL MIXING



TO BE APPLIED WITH NOTCHED TROWEL



USE PERSONAL PROTECTIVE EQUIPMENT

* available on request

TECHNICAL CHARACTERISTICS

ISOLCOLL A10 SUPER is an adhesive based on high resistance Portland cement, additives and sand of high quality, with improved open-ended working time, necessary on substrates with suboptimal absorbency. Its formulation has been specifically designed for markets that need an economical product but also conforming to ISO standards. In particular, it is a product that fully matches the requirements of the construction site, species in extremely hot and dry climates.

WETTABILITY

With good wetting characteristics, it allows to achieve comfortably large areas without making films on surface. This feature greatly facilitates the work of the operator who has a time window increased to paste the tile from when the product was applied.

MICROPOROSITY

Its high microporosity is fine and widespread and contributes to its high thixotropy. It gives it a high resistance to thermal shocks and a good overall lightening. This ensures a considerable durability of the product even in conditions of mechanical stress.

DURATION OF THE MIXTURE

ISOLCOLL A10 SUPER presents, once mixed, a creamy texture that lasts several hours and is not excessively affected by high temperatures of application, ensuring a constant water retention.

- specific product for emerging markets
- economic product
- improved open-time
- excellent workability
- for medium-sized tiles
- for indoor
- for floor
- on background with high absorption

AREAS OF APPLICATION

INTERVENTIONS

Irreversible structural bonding of ceramic medium sized tiles, clinker, terracotta, for interior floors, ideal for civil use.

MATERIALS

Ceramic tiles, clinker, terracotta, ceramic mosaic.

SUBSTRATES

Cement-based screeds, ready screeds, concrete.

DO NOT USE

- for overlaying on other tiles, in swimming pools and cold rooms or in high traffic areas
- on glazed tiles, on resin chips tiles
- with recomposed materials, polystyrene foam, polyurethane foam, linoleum, wood, PVC, rubber, metal surfaces, natural stones and insulating film
- over underfloor heating, cement based waterproofing, aerated concrete, plasterboard, not cementitious waterproofing membranes
- on epoxy or flexible primers, on fiberce-ment, on substrates subject to continuous rising damp, on stoneware substrates
- on gypsum-based screeds

LAYING

ISOLCOLL A10 SUPER should be applied to the substrate using a notched trowel. It is extremely important to choose the height of the tooth. We recommend an application in two coats: the first coat with the smooth side of the trowel and then a coat with the notched side of the trowel. In the case of large tiles, floor to be polished, and heavy loads in general, for greater security in the application we suggest to spread the material on the back of the tile. It is also important to check that the adhesive is still fresh and does not form a surface film that prevents the wetting of the tile. In this case, it is necessary to re-apply the product with the notched trowel. The time that this film is formed varies greatly and depends on: degree of absorption of the substrate, wind, direct sunlight, and temperature.



COMPLY WITH THE STANDARD N.C.

INDICATIVE DATA OF THE PRODUCT

Color/consistency: grey/powder

Solid content %: 100

Bulk density kg/l: approx. 1,5

Hazard classification according to 1999/45/EC: irritant
important to carefully read the instructions contained in this form, on pack and on Safety Data Sheet

Storage: 12 months in dry and ventilated environment

Packaging: 25 kg

Custom code: 3824 50 90

VALUES OF THE FINAL PERFORMANCE

Initial adhesion after 28 days (EN 1348): $\geq 0,5 \text{ N/mm}^2$

Adhesion after heat action (EN 1348): $\geq 0,5 \text{ N/mm}^2$

Adhesion after water immersion (EN 1348): $\geq 0,5 \text{ N/mm}^2$

Adhesion after freeze/thaw cycles (EN 1348): $\geq 0,5 \text{ N/mm}^2$

Open time – 30 min. (EN 1346): $\geq 0,5 \text{ N/mm}^2$

Resistance to solvents: good

Resistance to oils: excellent

Resistance to alkalis: good

Resistance to acid: poor

VALUES AND APPLICATIVE INFORMATION (AT 23°C AND 50% R.H.)

Water used for mixing: add 6 liters ($\pm 0,5 \text{ l.}$) of water on a 25 kg bag of ISOLCOLL A10 SUPER

Consumption: 3-6 kg/m² depending on the trowel and the tile

Complementary products: ISOLFUGA - ISOLPLANO

Application temperature: + 5°C /+ 35° C

Temperature in use: -30°C/+90°C

Adjustability time: ≈ 50 minutes

Floor grouting: 24 hours

Set to light foot traffic: 24 hours

Ready to use: ≈ 14 days

PH of the mixture: > 12

WARNING

The requirements and the guidelines herein are to be considered purely indicative and corresponding to our everyday best experience. We therefore recommend carrying out the tests in order to verify that the product corresponds to what is actually required and expected. We, as producers, do not assume any responsibility about how, when and where our products are applied except for the constant quality of the material.