



ISOLCOLL A30 SUPER COL02



ITEM SPECIFICATIONS

Cement based powder adhesive, with extended open-ended working time and no vertical slip, for bonding of medium-sized ceramic tiles, clinker, on irregular backgrounds, with application thickness up to 15 mm, based on cement, also suitable for external application in dry climates, class C1TE.

THE PRODUCT



FOR WALL & FLOOR



EXCELLENT PRICE/ PERFORMANCE RATIO



FOR INDOOR



PACKS OF 25 KG



FOR OUTDOOR IN DRY CLIMATES



PACKS OF 14 KG



OPEN-ENDED WORKING TIME



PACKS OF 10 KG



CEMENT BASED



MECHANICAL MIXING



WHITE AVAILABLE



TO BE APPLIED WITH NOTCHED TROWEL



NO VERTICAL SLIP



USE PERSONAL PROTECTIVE EQUIPMENT



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

* available on request

TECHNICAL CHARACTERISTICS

ISOLCOLL A30 SUPER is an adhesive based on high resistance Portland cement, additives and sands of high quality, with improved open-ended working time, necessary on substrates with suboptimal absorbency.

GOOD ADHESION

Although being a C1 class adhesive, ISOLCOLL A30 SUPER has a very good adhesive on a large number of different tiles and has a maturation time improved, necessary to secure the construction sites faster.

HIGH THIXOTROPY AND NO VERTICAL SLIP

ISOLCOLL A30 SUPER presents a very high degree of thixotropy to prevent sagging. Especially suitable for work in the vertical: it does not let slip tiles that can be laid from the top down without using spacers.

OPEN-ENDED WORKING TIME

Thanks to the open-ended working time, ISOLCOLL A30 SUPER allows an installation simple, fast and secure.

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.

- high quality universal adhesive
- no vertical slip
- improved open-time
- for medium-sized tiles
- for indoor
- for outdoor in dry climate
- for wall and floor
- on medium absorption background

AREAS OF APPLICATION

INTERVENTIONS

Irreversible structural bonding of ceramic medium sized tiles, clinker, terracotta, for gasbeton, for interior floors and walls, ideal for civil use. Can be used outdoor in dry climates.

MATERIALS

Ceramic tiles, clinker, terracotta, ceramic mosaic, gasbeton.

SUBSTRATES

Cement-based screeds and plasters, ready screeds, concrete.

DO NOT USE

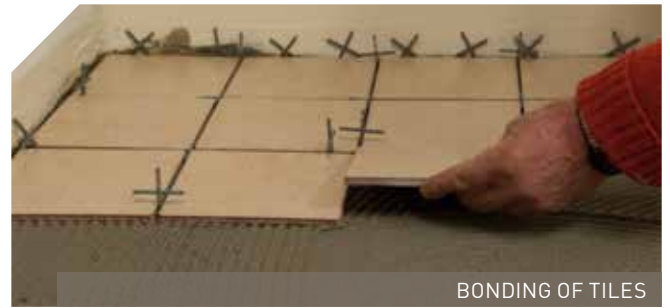
- for overlaying on other tiles, in swimming pools and cold rooms or in high traffic areas
- on glazed tiles, on resin chips tiles
- with recomposed materials, polystyrene foam, polyurethane foam, linoleum, wood, PVC, rubber, metal surfaces, natural stones and insulating film
- over underfloor heating,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

LAYING

ISOLCOLL A30 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.



WALL APPLICATION



BONDING OF TILES

COMPLY WITH THE STANDARD

EN 12004 C1TE

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): $\geq 0,5 \text{ N/mm}^2$

Vertical slip (T) (EN 1308): $\leq 0,5 \text{ mm}$

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 6,5 liters ($\pm 0,5 \text{ l}$) of water on a 25 kg bag of ISOLCOLL A30 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: ≈ 40 minutes

Wall grouting: ≈ 8 hours

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.