



# ISOCOLL C1

## Description and features

Conform to European standards En12004/C1

Cement adhesive (powder) used for gluing ceramic tiles for interior floors of kitchens and Bathrooms and laboratories, with layer thickness does not exceed 10 mm It is characterized by good adhesion strength, good open time that helps to complete the installation process without any problems, it is used at temperatures above 5°C and up to 4°F, 35° C, used for small sized tiles.

### Technical specifications:

ISOCOLL C1 is a ceramic adhesive made from Portland cement with very high resistance Combined with some other additives besides high quality sand, the product has been manufactured according to the market needs for economical products, but at the same time it is manufactured according to the specification European ISO En12004/C1 so that it meets the requirements of the market and construction companies

### Product advantages:

- Economical product with high quality, a long open period
- Available in gray and white colors
- It is used for internal wall applications
- Conforms to European specifications
- Cheap price with high quality.

### Application places:

It is used for gluing small sized tiles such as ceramic tiles, marble tiles, Plain tiles, glazed tiles, mosaics and other civil works. Places where it is not used: when gluing one tile over another, especially in cold places And swimming pools - high-traffic places where large cars are used above the tiles The glossy layer over the compressed polystyrene boards polyurethane boards that contain air - PVC panels - rubber - metal surfaces - natural stone - Epoxy floors - gypsum board.

## Application

### Surface preparation:

- 1 - Clean surfaces from suspended and removable objects.
- 2 - Surfaces and tiles must be moistened with water before installation, especially old surfaces

### Mixing:

put clean water that does not contain any chemicals, then the adhesive is added to the water in proportions. 5 kg of powder to 1 liter of water, then stir the mixture well to ensure complete mixing With an electric mixer for 3-5 minutes until the ingredients of the mixture interact with the water.

### Usage steps:

- 1- The mixture layer is placed on the surface using a normal or toothed trowel
- 2 - A serrated trowel must be used to remove air from under the tile when it is installed while distributing the mixture on the surface.
- 3 - Plastic stiffeners are used to determine the dimensions between the tiles.
- 4 - The tiles are placed on the adhesive layer and then pressed inward.
- 5- It is advised that the thickness of the adhesive layer is not less than 2 mm and not more than 10 mm
- 6 - The whole mixture must be used on the same day





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## Physical constant

Colour : grey/white  
Physical state : powder  
Solids : 100% Solids  
Weight : 20 kg  
Density : 1.45  
Water ratio : 4 liters of water per 20 kg of powder  
Spreading rate : 2.5-5Kg/m2, according to the required thickness  
Operating time : 30 minutes at 25°C.

## Storage

Product should be stored in the original package for 12 months from the production date, store it under normal conditions and keep it away from direct sunlight.

## Health & Safety

Don't keep food in the empty package.  
Keep it away from the reach of children.  
Avoid direct contact with eyes or skin, in case of contact with eyes you should clean immediately with plenty of clean cold water and seek medical advice.  
This product is free of polluted materials to the environment.

