

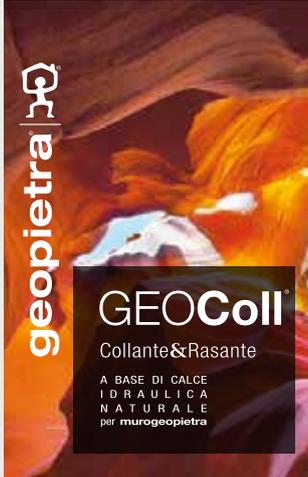


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product specification

geocoll

System levelling glue



DESCRIPTION: **Geocoll**[®] is a special system levelling glue with normal setting, made from natural hydraulic lime, which gives excellent mechanical and elastic properties, high strength, great vapour permeability and no vertical slippage. **Geocoll**[®] is the result of years of experience and advanced research to solve installation problems and provide fitters with a product that can meet the

specific technical requirements of **Geopietra**[®] manufactured stone veneer. **Geocoll**[®] is a high-quality product bearing the CE mark, in accordance with UNI EN 998-1.

APPLICATIONS

Gluing manufactured stone veneer and brick veneer onto various types of ready-prepared substrate. Suitable for both interior and exterior use.

Combined with **Georete** fibreglass mesh, it is also ideal for making **strengthened levelling** on weak substrates or external thermal insulation systems prior to the installation of manufactured stone veneer.

BASIC INGREDIENTS

White cement
Natural hydraulic lime
Limestone
Additives to enhance processing and adhesion and reduce efflorescence

FEATURES

Frost-proof
Suitable for use with mineral substrates

APPLICATION

Operating conditions: during the bonding and setting process, the temperature of the substrate must not be less than +5°C or exceed +25°C. **Geocoll**[®] must be protected from frost, rain and rapid drying. During the glue processing and before it is set, avoid exposure to high wind or sunlight, by protecting the wall with appropriate scaffolds covered with nets (for at least 24 hours after application). Do not use clotted glue. Do not add water if the glue becomes stiff. Bordering parts (e.g. windows, sills and floors) must be protected with suitable coverage. Use stainless steel tools only. The glue may permanently stain the stone, so it is

important to immediately remove any stains with a sponge and clean water. Take care to use on the affected area only to avoid streaks.

Substrate: The substrate must be stable, clean, dry, free of dust, oil, grease and efflorescence, and solid enough for the installation of manufactured stone veneer. In the presence of rising humidity, special measures should be taken for a correct glue setting process. **Geocoll**[®] can be used on all traditional compact wall surfaces (e.g. concrete and brick). Substrates containing gypsum or aerial lime (e.g. gypsum plaster, lime plaster and plasterboards) must be completely dry and pre-treated with an appropriate primer. Prior to the application of glue, make sure the primer is completely dry and the substrate is appropriate by performing a bonding test (refer to **Geopietra**[®] installation guidelines for detailed instructions on how to prepare the substrate). In any case, follow the indications on how to assess and prepare the substrate in the Installation Manual accompanying each supply, which can also be downloaded from the website www.geopietra.com.

Preparation: Mix the contents of a 25-kg pack of **Geocoll**[®] with 7 litres (gluing) or 7.5 litres (levelling) of clean water using a mechanical mixer until you obtain a perfectly even lump-free mix. Leave to stand for 10 minutes and mix again briefly. You can adjust the consistency of the mixture by adding small amounts of water.

PROCESS

Gluing: apply a double coat of glue using the wet-on-wet technique, and spread it out on the entire back of the stone, in a thin levelling film on the wall to which the stone will be installed. The bonding time depends on the environmental temperature. **Do not use a toothed trowel to spread the glue. Do not apply the glue in individual dots. Do not apply Geopietra**[®] **manufactured stone with the bonding techniques used for pottery and the like.**

Place the stone in position by pressing and moving it slightly to the right or left until any excess glue comes out and it adheres perfectly to the substrate. **The simple placement of the stone against the substrate does not guarantee a firm adhesion.** If the stone veneer slips down, use a thicker solution of **Geocoll**[®]. Place the stones equally spaced and as well aligned as possible, keeping in mind that after about 15 minutes the stones can no longer be detached or moved.

Highly absorbent substrates can be previously moistened, taking care there is no film of water when gluing the stone. **Levelling:** apply a 2-3mm layer of **Geocoll**[®], immerse the Geomesh fibreglass mesh in it and cover with additional glue. When the glue is set, mechanically secure the screw anchors of the type suitable for the structure, with a plate of



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at least 40mm in diameter. Cover screw anchor heads with the glue during the installation procedure.

INSTRUCTIONS FOR USE

- Prepare the mix using a mechanical stirrer only.
- Protect from frost, rain, and quick-drying for 48 hours after installation.
- Do not use at ambient temperatures below +5°C or above +35°C.
- Do not apply on substrates with an intrinsic temperature exceeding 25°C.
- Do not use on substrates subject to high levels of movement.
- Do not use clogged material.
- Do not add water to restore workability.
- Do not add other substances.

SAFETY RULES

Contains cement / calcium hydroxide / Xi irritating
Protect skin and eyes.

PACKAGING AND STORAGE INSTRUCTIONS

Disclosure according to 1907/2006/CE Annex XVII, point 47 as amended - Date of packaging: see specification on the side of the bag - Storage conditions and time: 12 months, if the product is kept in a dry place with its original intact packaging.

Type of packaging: wet-strength paper bags
Quantity per bag: 25 kg
Quantity per pallet: 48 bags

TECHNICAL DATA:

- Colour: grey
- Grain size: 0-0.5 mm
- Water requirements: gluing ~ 7.0 lt/bag
levelling ~ 7.5 lt/bag
- Workability time (EN 1015-9): ~ 2 hrs / 20°C

OD|CX



Geocoll®

BAG

Kg 25

N° 48

AVERAGE CONSUMPTION of Geocoll® per m2

GLUING MANUFACTURED STONE VENEER: ~ 9-10 kg/m2

GLUING MANUFACTURED STONE VENEER: adjusted thicknesses
for planar wall 12-13 kg/m2

GLUING CLADDING BRICK: ~ 6 kg/m2

LEVELLING WITH FIBREGLASS GEOMESH: ~ 4-5 kg/m2

LEVELLING WITH ELECTROWELDED MESH:
(2mm wire 5x5cm mesh): ~ 5 kg/m2