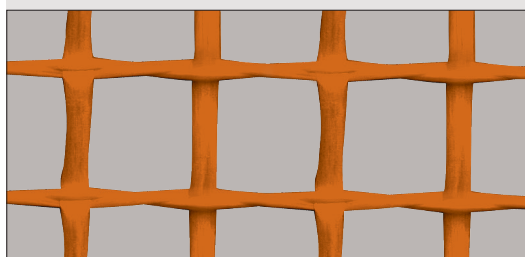


GEOReTe



Georete is a special large-mesh fibreglass arrangement with exceptional mechanical strength for use as reinforcement for unstable or insubstantial bases.

With a specific weight greater than 315 g/m² it supports such high tensile loads that it can be used as an alternative to conventional iron mesh. Georete is used as a support layer in guaranteed solutions for installing Geopietra on external thermal insulation.

Thanks to its high-quality anti-alkaline finish, **Georete** provides excellent resistance against alkalis, whereas the large mesh (15x15 mm) enables the perfect adhesion of the mesh in the adhesive, guaranteeing the integrity of the reinforced layer. Unlike metal products, it also limits the consumption of adhesive, reduces thicknesses, adapts to the thermal expansion of the material in which it is inserted, is not subjected to oxidation, and does not create electromagnetic fields.

DATA SHEET

MESH		15 X 15 mm
No. WIRES	DIN 53854	6/6 Fdn / 10 cm (6*410 tex / 2*900 tex)
WEIGHT	DIN 53854	Dressed mesh 315 g/m ² ± 5%
INGREDIENTS		Fibreglass~ 87% - Alkaline-stable dress ~13%
SHEAR BOND STRENGTH	DIN 53857T1	K/S > 4750/2800 N / 5cm
TENSILE STRENGTH		~ 2% / 5cm
CONSUMPTION GEOCOLL		~ 4 Kg/m ²



WALL PLUG ARRANGEMENT 40X40 mm
AVERAGE COVERAGE 6.37 plugs/m²

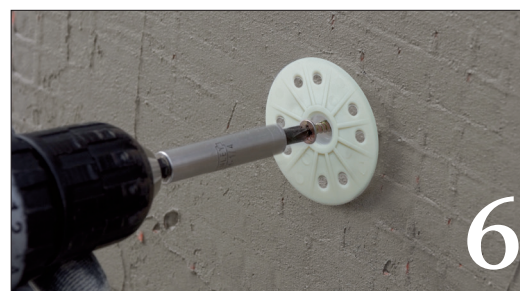
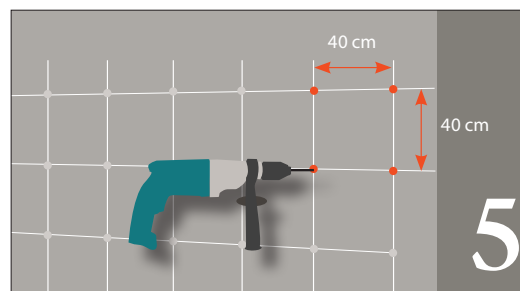
GEO-Tassello

UNIVERSAL WALL PLUGS FOR MECHANICAL ANCHORING
WALL PLUGS complete with PLATE and SCREWS
with diameter of 8 mm.

EXTERNAL / INTERNAL USE: stainless steel screws

If using for mechanical anchoring on wood or similar,
ask for GEO-PIATTOVITE, plates with stainless steel
screws with diameter of 8 mm.

5 | MECHANICAL ANCHORING with GEORETE and GEOTASSELLO



In the presence of critical installation bases with insufficient mechanical strength to support the wall covering, Geopietra experience advises AGAINST using treatments or pitting techniques as they cannot guarantee the integrity of the solution over time.

The best solution is **mechanical anchoring** using a layer of **Geocoll®** adhesive with a minimum thickness of 3/4 mm, in which special reinforced **Georete** fibreglass mesh can be embedded and secured to the loadbearing structure using stainless steel (external use) or galvanised (internal use) **Geotasselli** wall plugs.

1. Using a smooth trowel apply a layer of **Geocoll®** adhesive which is 2/3 mm minimum and of reasonably soft consistency (8.5-9 litres of water per 25-kg bag). With very absorbent bases dampen them first then apply the layer when there is no film of water remaining.

With dirty or deteriorated bases clean or remove fragile parts.

2. Embed the **Georete** fibreglass mesh, overlapping the joints by at least 10 cm and turning on corners to make the wall compact and counteract the stresses created at corners.

3. Apply a second layer of **Geocoll®** immediately, covering the mesh completely.

4. 5. 6. Use a drill with a bit diameter of 8/9 mm to create a 40x40 cm grid corresponding to 6.37 wall plugs per m² and insert the **Geotasselli** wall plugs, ensuring they are held firm and removing and replacing any that are loose.

7. Cover the heads of the plugs with a layer of **Geocoll®** to prevent water seeping into the structure.

8. Install the **murogeopietra** only once completely dry (minimum 2 days).