

# COLBETON

POWDERED GLUE FOR COAT THERMAL SYSTEM

code 9540019/160

## DESCRIPTION

COLBETON is a powdered adhesive, based on cements, selected mineral components, specific additives and resins, to fix polystyrene panels and decorative elements. COLBETON is indicated for the construction of coat thermal system, ideal both for gluing and later stabilisation. COLBETON may also be used in smoothing where the netting is buried, to smooth surfaces with shrinkage. COLBETON delivers optimal adhesions to both new foundations and old finishes. The particular composition gives the product good transpiration and water proofing. Easy to apply, non-drip and no sag, thanks to its thick consistency, this product is ideal for thick application without shrinkage cracks.

## INSTRUCTIONS FOR USE

Applicable to:  
Lime and fine sand based plaster, new and already painted;  
Civil mortaring in lime and cement;  
Prefabricated panels.  
Indicated to renovate plastering on plastic and scored surfaces and for netting plastering over mortared caissons.

## TECHNICAL SPECIFICATIONS

- Binder: cement and synthetic resins
- Specific weight: some 14 Kg/l
- Specific weight of ready to use plaster: some 1.6 Kg/l
- Aspect: white or grey powder
- Maximum dimension of inert elements: 0.75 mm
- Pot-life: 4 h a 20°C
- Adhesion on concrete/brickwork: >0.25 MPa
- Drying is highly dependent on the ambient and support temperature and humidity, in any case, the product may not be painted for at least 10 days, ensuring that it is fully dry (no damp marks).

## PREPARING THE SURFACE

- Check the state of maintenance. The surface must be solid. Otherwise reface or consolidate with specific products.
- Remove, brushing or washing, encrustation.
- In the presence of mildew, treat the surface first with COMBAT 222 Detergent 4810222 and COMBAT 333 Protection 4810333.
- Ensure that the support is fully dry and apply COLBETON both to affix polystyrene panels and for later netting and coverage of the net as per the correct instructions.
- Before painting the surface, (fully dried), apply as a fixative:
  - For a polystyrene panels apply a layer of IDROFIS 4700006 water acrylic mural fixative diluted at 1:6 to 1:8 with water.
  - For netting, without polystyrene panels, fix with ISOMARC cod. 4410111 solvent insulator suitably diluted with Isomarc cod. 5210011 thinner.
- Proceed with painting.

\*The dilution of the insulator and the quantity to be applied

depend on the absorption of the support and should be determined by preliminary test on the specific support)

## APPLICATION INSTRUCTIONS

- Environmental and support conditions:  
Ambient temperature: Min. +5°C / Max. +35°C  
Relative ambient humidity: <60%  
Support temperature: Min. +5°C / Max. +35°C.
- Avoid application in high wind, fog, bright sunlight and when rain is expected.
  - Do not apply to frozen or thawing surfaces
  - Preparation instructions:
    - Dilute: 6 l with water by sack
    - Mix the product with the water required to obtain a homogenous smooth paste. Then apply with a float, a toothed float or plasterer's trowel.
  - We recommend damping the surface before beginning application of the product, especially in hot weather.
  - Apply in coats up to 5 mm.
  - Indicative yield: Theoretical consumption of the product in powder
    - Gluing to the entire surface: 2.5-3.5 kg/m<sup>2</sup>
    - Gluing to points: 1.8-2.8 kg/m<sup>2</sup>
    - Netting and plastering: 2,5-3,5 kg/m<sup>2</sup>
  - During application do not add extra water to reduce viscosity.
  - Tools should be washed with water immediately after use.

## TINTING

The product is available in white (0019) and grey (0160).

## STORAGE

Maximum storage temperature: +30°C  
Minimum storage temperature: +5°C  
Store in a cool dry place.  
Stability in the original container unopened and at suitable temperatures: 12 months.

## SAFETY RULES

Dir. 2004/42/EC not applicable

Irritating to respiratory system and skin / risk of serious damage to eyes / may cause sensitization by skin contact / keep out of reach of children / do not breathe dust / avoid contact with skin and eyes / in case of contact with eyes, rinse immediately with plenty of water and seek medical advice / wear suitable protective clothing and gloves / if swallowed, seek medical advice immediately and show this container or label / do not empty into drains.  
Transport, use and store this product in accordance with current health and safety legislation; dispose of container properly after use; allow residues to dry completely and treat as special waste.  
Refer to the safety data sheet for further information.

## SPECIFICATION ITEM

Application, to prepared surfaces, of COLBETON cod.

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9540160/0019 powder glue, based on cement, specific additives and resins, in the quantities determined by support absorption.

Delivery and application of the material € ..... per m<sup>2</sup>.

*COLORIFICIO SAN MARCO guarantees that the information herein is provided to the best of its technical and scientific knowledge and based on its experience; nonetheless, the company may not be held liable for the results obtained using these products, as application conditions are beyond its control. It is recommended to always make sure that the product is suited to each specific instance. The present sheet voids and replaces any previously existing sheets. For further technical information call the technical service +39 041 4569322.*