



INTOCOL PP LIGHT



ADHESIVE AND LEVELLING COAT LIGHTENED WITH GLASS SPHERES BASED ON HYDRAULIC BINDERS SPECIAL FOR PANELS IN POLYSTYRENE, POLYURETHANE, CORK, CEMENT WOOD
Compliant with UNI EN 998-1

DESCRIPTION

Premixed adhesive and levelling compound lightened with glass spheres based on hydraulic binders with an high and constant quality level, produced with computerized plant, to apply by hand, specific for anchoring and levelling insulating panels made of polystyrene (also embossed), polyurethane, cork, wood-cement.

COMPOSITION

Hydraulic binders, hollow glass spheres selected siliceous aggregates with a grain size from 0 to 0,6 mm, additives tested for the specific use which give to the product a very high adhesion and elasticity.

SPECIFICATIONS

An accurate and selective choice of raw materials conducted to a perfect grain size curve, thanks to the use of our own crushing plants, produce with the addition of water only an exceptionally light mortar, plastic and easy to process. Used as an adhesive alloy perfectly on all types of indoor and outdoor substrates, provided they are stable; as a levelling layer it adheres perfectly to all types of insulating panels. It does not crack, does not detach, is breathable and impact resistant. It is the ideal adhesive and smoothing product for laying and levelling polystyrene (also embossed), polyurethane, cork and wood-cement insulating panels, both indoors and outdoors.



AVIABILITY

INTOCOL GPP LIGHT: Grey

INTOCOL BPP LIGHT: White

USE

INTOCOL PP LIGHT is a premixed adhesive/levelling product based on hydraulic binders at compensated shrinkage and controlled drying, frost-free with excellent registrability characteristics, excellent resistance to moisture, ageing, acids and alkalis. Ideal for anchoring and levelling insulating panels, to be applied as:

ADHESIVE

Directly on any internal or external surface, as long as it is stable, such as: brickwork and thermolaterizio, mixed or stone or tuff masonry, old and new cement-based plaster, concrete, predalles. Specifically designed for laying any type of insulating panel in polystyrene and/or polyurethane. It is recommended to cover at least 40% of the surface of the insulating panel.

LEVELLING COMPOUND

Directly on any type of insulating panel in polystyrene and/or polyurethane. Suitable, for its qualities of adhesion and elasticity, also on concrete surfaces, rustic, plastic and/or mineral coatings, traditional or pre-mixed plasters based on both new and old lime and cement, even if painted in an excellent state of preservation, on plasters with shrinkage lesions, with application in the first coat of MALVIN NET, 4x4 mm mesh glass fibre plaster mesh minimum 155 g, certified ETAG 004.

APPLICATION

- Preparation of the substrates by removing all the dilapidated and inconsistent parts; removing foreign bodies such as dust, mud, bitumen, oil stains, etc.
- Need to preventively wet particularly absorbent or dry surfaces or surfaces exposed to hot climates.
- To mix by hand or with a low speed mixer until the mix is homogeneous.
- INTOCOL PP LIGHT as adhesive, apply it to the insulating panels for kerbs or points or with a toothed trowel, by compressing INTOCOL PP LIGHT on the panels, first with the smooth part of the spatula and then with the toothed part so as to homogenize the absorptions, thus not affecting the performance of the product. It is recommended to cover at least 40% of the surface of the insulating panel. Then apply the panels with staggered joints and then proceed to mechanically fasten with specific plastic nails.
- For difficult substrates INTOCOL PP LIGHT with latex "INTOGUM".
- INTOCOL PP LIGHT as a smoothing coat, it must be applied to insulating panels at least 3 days after application, Apply a first coat in which to drown network in glass fiber specific for coat and then apply a second coat taking care to fully cover the network and then make the surfaces suitable for receiving colored coating.
- In case of high temperatures, wind and low humidity, it is recommended to protect from rapid drying by moistening the substrates.



INTOCOL PP LIGHT



- Apply to concrete free of dust and traces of release agents.
- Do not apply on frozen substrates, when thawing or when there is a risk of freezing within 24 hours.
- Do not apply in full sun or strong winds.
- Do not apply on inconsistent and brittle substrates.
- Do not apply on fresh application substrates.
- Do not apply in heavy rain.
- Do not add any other materials to the product.
- INTOCOL PP LIGHT must be processed at a temperature between + 5 ° C and + 30 ° C.
- Waiting time for colored coating executions 7/10 days at least.

YIELD

AS ADHESIVE

Dot bonding 2/2,5 kg/mq;

Full surface bonding 3,5/4,5 kg/mq.

AS A LEVELLING PRODUCT

2,5/3 kg/mq for 2 coats

PACKAGINGS

Multilayered paper bags with protective film of kg 22 on wooden pallets of 15,40 ql. (70 sacks).

TECHNICAL DATA ACCORDING TO UNI EN 998-1

Water content of the mix	~25-30%
Granulometry EN 1015-1	≤ 1 mm
Specific weight EN 1015-10	1.050 kg/m ³ ± 10%
PH mixed	12
Plastic shrinkage in cond. Termoigr. Standard	Absent
Workability time EN 1015-9	60 minutes
Life time of the dough	6 hours
Compressive strength after 28 days EN 1015-11	≥ 5 N/mm ² (Category CS III)
Flexural strength after 28 days EN 1015-11	≥ 2 N/mm ²
Flexibility	Excellent
Adhesion on brick after 28 days EN 1015-12	> 1,2 N/mm ² FP: A
Water vapor diffusion resistance factor EN 1015-19	μ ≤ 8
Capillary water absorption EN 1015-18	Class "W1"
Fire reaction EN 998-1	Class "A1"
Thermal conductivity EN 1745 p.A.12	λ _{10,dry,mat} = 0,22 W/mK
Harmfulness - Regulation EC 1272/08	Danger
Durability	NPD
Classification UNI EN 998-1:2010	GP-CSIII-W1/DOP nr. 292

SUMMARY

The gluing and levelling of insulating panels made of polystyrene, polystyrene (also embossed), polyurethane, cork, cement wood indoors and outdoors; the levelling of concrete surfaces, rustic coatings, plastics and/or minerals, traditional or pre-mixed plasters based on both new and old lime and cement, even if painted, provided they are in excellent condition, of plasters showing shrinkage lesions, will be realized with with lightened adhesive/coat powder with glass spheres, based on hydraulic binders such as "INTOCOL PP LIGHT" by MALVIN S.r.l., applied by hand and mixed with water only, with a consumption of 2/4,5 kg/mq as adhesive and of 2,5/3 kg/mq as a levelling product, with compressive strength after 28 days category CS III .

Le caratteristiche prestazionali riportate si riferiscono a prove di laboratorio, i valori possono subire scostamenti in funzione delle condizioni climatiche e modalità di messa in opera. L'utilizzatore deve verificare l'idoneità del prodotto all'impiego previsto.



MALVIN



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