



INTOCOL PP



ADHESIVE AND SKIM COAT PLASTER BASED ON SPECIAL HYDRAULIC BINDERS FOR POLYSTYRENE – POLYURETHANE –CORK- WOOD-CONCRETE PANELS
Compliant with UNI EN 998-1

DESCRIPTION

Adhesive and skim coat plaster based on particular synthetic resins with an high and constant quality level, produced with an automated system, to apply by hand, specific for the anchorage and the skim coating of polystyrene (also embossed), polyurethane, cork, wood-concrete insulating panels.

COMPOSITION

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

FEATURES

An accurate and selective choice of the main materials made with a perfect grading curve, thanks to the use of our own crush system, produce just adding water a mortar very plastic and easily workable. Used as adhesive alloys perfectly on every type of internal and external undercoat but stable; as skim coat plaster adheres perfectly on every type of insulating panel. No cracks, no detachment it's breathable and impact resistant. It is the perfect adhesive and skim coat plaster to lay inside and outside insulating polystyrene,

(also embossed), polyurethane, cork, wood, cement panels.



AVIABILITY

INTOCOL GPP: Grey;

INTOCOL BPP: White;

USE

INTOCOL PP is an adhesive/skim coat plaster based on particular synthetic resins at compensated shrinkage and controlled dry, frost-resistant with a very good registrability, excellent resistance to moisture, to ageing, to acids and alkalis. Ideal for the anchorage and the skim coating of insulating panels, to apply as:

ADHESIVE

Directly on every kind on interior and exterior but stable as: brick and insulating brick, mixed masonries or in stone or in tuff, old and new plasters based on cement, concrete, predalles. Specific for the laying of every kind of insulating panels in polystyrene and/or polyurethane. Is recommended to cover 40% at least of the surface of the insulating panel.

SKIM COAT PLASTER

Directly on every type of polystyrene and/or polyurethane insulating panels. Suitable, for its adhesion and elasticity, also on concrete surfaces, rustic, plastic and/or mineral coatings, traditional or premixed plasters based on lime and cement both old and new even if painted but in very good conditions, on plasters with shrinkage damages, with application on the first coat of MALVIN NET, network port plaster in glass fiber mesh 4x4 mm of min. 155 gr, certified ETAG 004.

APPLICATION

- Prepare the substrates, removing all the crumbling and inconsistent parts and dusts, mud, bitumen, oil stains, etc.
- Wet in advance particularly absorbent or dry or exposed to hot climates walls.
- To mix with cement potland 32,5 in ratio in weight equal to 1:1 with a mixer at low speed until when the mixture isn't homogeneous.
- INTOCOL PP as adhesive must be applied on insulating panels by curbs or points or with a notched trowel, compressing INTOCOL PP on the panels before with the smooth part of the trowel and then with the notched part to homogenize the absorptions not affecting on this way the performance of the product. Is recommended to cover the 40% at least of the surface of the insulating panel.
- Then apply panels at staggered joints and then proceed to the mechanical fixing with specific plastic nails.
- For difficult substrates mix INTOCOL PP with latex "INTOGUM".
- INTOCOL PP as skim coat plaster must be applied on insulating panels after 3 days from the application at least, apply a first coat in which to insert network port plaster in glass fiber specific for external thermal system and then apply a second coat taking care to cover completely the network making the surfaces suitable to receive the colored coating.
- In case of high temperatures, with wind and low humidity, is recommended to protect from the quick drying moistening the substrates.
- Apply on concrete free of dusts and traces of form release agents.
- Don't apply on frozen substrates, with frost or possible frost in 24 hours.



INTOCOL PP



- Don't apply with strong wind or in very sunny days.
- Don't apply on inconsistent and friable substrates.
- Don't apply until when the substrate isn't completely dried.
- Don't apply with driving rain.
- Don't add any other material to the product except the one indicated on the technical sheet.
- We suggest to apply INTOCOL PP with a temperature between + 5 ° C and + 30 ° C.
- Waiting time for colored covers 7/10 days at least.

• YIELD

AS ADHESIVE

Spot bonding 2/3 kg/mq; • Full surface bonding 4/5 kg/mq.

AS SKIM COAT PLASTER

3/4 kg/mq. for 2 coats

PACKAGING

Multi-ply paper sacks with protection of kg 25 on wood pallets of 17,50 ql. (70 sacks).

TECHNICAL SPECIFICATIONS COMPLIANT WITH UNI EN 998-1

Water content of the mix	~25-30%
Grading EN 1015-1	≤ 0,6 mm
Specific weight EN 1015-10	1.200 kg/m ³ ± 10%
PH mixed	12
Plastic shrinkage in cond. Termoigr. Standard	Absent
Workability time EN 1015-9	60 minutes
Pot life	6 hours
Compressive strength after 28 days EN 1015-11	≥ 5 N/mm ² (Category CS III)
Compressive strength after 28 days EN 1015-11	≥ 2 N/mm ²
Flexibility	Excellent
Adhesion on brick after 28 days EN 1015-12	> 1,5 N/mm ² FP: A
Water vapor diff. resistance factor EN 1015-19	μ ≤ 10
Water absorption due to capillary action EN 1015-18	Class "W1"
Fire reaction EN 998-1	Class "A1"
Thermal conduct. coefficient EN 1745 p.A.12	λ _{10,dry,mat} = 0,35 W/Mk
Toxicity - Regulation CE 1272/08	Danger
Durability	NPD
Classification UNI EN 998-1:2010	GP-CSIII-W1/DOP nr. 225

CERTIFICATIONS

Tested according to ETAG 004 test report n° 3107201313 of 27/02/2013

SUMMARY

The gluing and the skim coating of the internal and external polystyrene (also embossed), polyurethane, cork, insulating panels will be realized with paste adhesive/skim coat plaster based on particular synthetic resins in water dispersion, additives tested for the specific use, type "INTOCOL PP" by MALVIN S.r.l., applied by hand and to mix with cement potland 32,5 in ratio in weight equal to 1:1, with a consumption of 2/5 kg/mq as adhesive and of 3/4 kg/mq as skim coat plaster, with compressive strength after 28 days category CS III.

The performance characteristics refer to laboratory tests, values depend on the weather conditions and on the methods of implementations. The operator must verify the suitability of the product depending on the use planned.



MALVIN



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