

INTORAS FLEX



UNIVERSAL PREMIXED SKIM COAT PLASTER AT HIGH FLEXIBILITY ANTICARBONATED THIXOTROPIC WATER REPELLENT FIBER REINFORCED AT COMPENSATED SHRINKAGE
Compliant with EN 1504-2 AND 998-1

DESCRIPTION

Premixed skim coat plaster with high flexibility, anticarbonating, water repellent, thixotropic, fiber reinforced at compensated shrinkage compliant with EN 1504-2 and EN 998-1 made of special hydraulic binders, perfect for a universal use on every kind of suitable substrate, to apply by hand with a sponged finish.

COMPOSITION

Special hydraulic binders, selected siliceous aggregates with grading from 0 to 0,6 mm, natural additives tested for the specific use which give to the product an high adhesion and workability, water repellent, polypropylene fibers.

FEATURES

An accurate and selected choice of the main materials made with a perfect grade curve, thanks to the use of our own crush system, produce, just adding water, a thixotropic mortar very plastic, easily workable, and anticarbonated. Is an universal skim coat plaster to apply on any compatible surface which can give an appropriate adhesion No cracks and no detachments, breathable and impact-resistant.



AVIABILITY

INTORAS G FLEX: Grey;
INTORAS B FLEX: White;

USE

For interiors and exteriors skim coating in concrete, of rustic, plastic and/or mineral coatings, of traditional or premixed plasters made of new and old buildings but in good conditions, of plasters with shrinkage cracks, of lime/cement foamed concrete blocks, of thermal insulation composite system in polystyrene panels, polyurethane, cork, wood, cement.

To uniform plastered surfaces with different mortars.

Used as base of adhesion for composite systems in polystyrene, polyurethane, cork, wood, cement.

Used as skim coat plaster on external coatings allows to use as decoration the elastomeric waterpaint MEHLVIT ELS/PLUS or AGROPOLI ELS/PLUS.

Specific to finish the heat insulating plastering system (INTOTHERM).

APPLICATION

- The walls and the ceilings must be free of dust and dirt. Any traces of oil, grease, wax etc. must be removed in advance
- Wet in advance particularly absorbent or dries walls or exposed to hot climates.
- To mix by hand, or with a mechanical stirrer with low rpm, till when the mixture isn't homogeneous.
- To apply with the metal trowel in one or more application in the same day crossing the direction of the application. For just one hand don't go higher 2 mm. With more applications let the product rest for one hour at least.
- The maximum thickness of the finished product doesn't have to be higher than 5 mm.
- For applications on not homogeneous or not perfectly flat insert MALVIN NET network port plaster in glass fiber, mesh 4x4 mm, of min.150 gr, certified ETAG004, between the first and the second coat. With high temperatures, wind and low wetness, we advice you to protect the surface from the quick drying, drowning it.
- To apply in advance the bonding mortar "INTOGRAPPO" with a substrate particularly difficult.
- To improve the adhesion and the elasticity to the substrate mix with "INTOELASTIC" diluted 1:5 with clean water.
- Apply in advance the adhesion promoter "ANCOMUR" with very smooth substrates.
- To apply INTORAS FLEX in 2/4 hours, depending on the temperature on the bonding mortar "INTOGRAPPO" or 24/48 hours from the application of the adhesion promoter "ANCOMUR".
- Don't apply on frozen substrates, with frost or possible frost in the 24 hours.
- Don't apply on lime/gypsum substrates.
- Don't apply until when the substrate hasn't completely dried.

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- Don't apply on friable and insubstantial surfaces.
- Don't apply with strong wind.
- Don't apply with driving rain.
- Don't add any other material to the product.
- We suggest to apply INTORAS FLEX with a temperature between + 5 ° C and + 30 ° C.
- For applications on plastic coatings verify the perfect adhesion. If missing remove with flames or with a stripper.
- After the application wet and smooth with a trowel or finish with a sponge float.
- Let the product rest for 7/8 days at least before painting.

PACKAGING

Multi-ply paper sacks with protection, 25 Kg. On wood pallets, 17,50 ql. (70 sacks).

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

TECHNICAL SPECIFICATIONS COMPLIANT WITH UNI EN 998-1 AND UNI EN 1504-2

Water content of the mix	~25-30%
Grading EN 1015-1	≤ 0,6 mm
Specific Weight EN 1015-10	1.200 kg/m ³ ± 5%
Pot Life EN 1015-9	60 minutes
Plastic Shrinkage in cond. Termoigr. standard	absent
Compressive strength after 28 days EN 1015-11	> 18 MPa (CSIV)
Flexural strength after 28 days EN 1015-11	≥ 6 N/mm ²
Adhesion on concrete after 28 days EN 1015-12	1,5 N/mm ²
Water vapor diffusion resistance factor EN 1015-19	μ < 10
Water absorption coefficient due to capillary action EN 1015-18	Class "W1"
Fire reaction EN 998-1	Class "A1"
Thermal conductivity Coefficient EN 1745 p.A.12	λ _{10,dry,mat} = 0,35 W/Mk
Bonding adhesion EN 1542	> 1 MPa
Abs. coeff. due to capillary action and water permeability (w) EN 1062-3	< 0,1 Kg/ (m ² •h ^{1/2})
Water vapor permeability (SD) EN ISO 7783-2	Class I
CO2 (SD,CO2) permeability EN 1062-6	> 50 m
Durability	NPD
Toxicity - Regulation CE 1272/08	Dangerous
Classification EN 998-1	GP- CSIV- W1/DOP 80
Classification EN 1504-2	C- P- MC- IR/DOP 245*

* at guaranteed performance (2+)

SUMMARY

Interiors and exteriors will be finished with the premixed skim coat plaster anticarbonated, water repellent, thixotropic, fiber reinforced at shrinkage compensated made of special hydraulic binders, water repellent agents, polypropylene fibers, for an universal use on every suitable substrate, type "INTORAS FLEX" compliant with EN 1504-2 and EN 998-1 by MALVIN S.r.l, to apply by hand and to mix just adding water, with a consumption of 3/5 kg/mq as adhesive and of 3/4 kg/mq as skim coat plaster, for each mm of thickness, with compressive strength after 28 days class CSIV and water absorption coefficient Class "W1".

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



SEDE LEGALE E STABILIMENTO • Zona ASI - SS 7 Bis Km 15,400 - 81030 Gricignano di Aversa (CE)
TEL. + 39 081 8132780 - 5029713 •  800-142 999 • FAX + 39 081 5029748 • commerciale@malvinsrl.com - www.malvinsrl.com