



INTOGUM



CONCENTRATED LATEX Compliant with directive 2004/42/CE

DESCRIPTION

Concentrated latex based on special latex in aqueous dispersion and additives specific to mix with cementitious mortars to improve the workability, the adhesion, the flexibility and the resistance. To mix with cement or cement and sand to create grouts di ripresa di getto, mortars with an high and low thickness, fluid mortars to fill cracks. To use also as cementing bonding mortar with an high penetrating and insulating power for interiors and exteriors, perfect to reinforce inconsistent or weak surfaces; to improve the adhesion of coat plasters or mineral coatings on smooth or not very absorbent surfaces, concretes, weak, inconsistent or damages substrates. Perfect to reinforce cementitious screeds poorly consistent.

COLOR

White.

PACKAGING

5 -10- 20 Lt Plastic tanks.



COMPOSITION

Based on concentrated latex irreversible in aqueous dispersion, additives tested for the specific use.

USE • As Additive

- Concentrated latex to mix with cementitious mortars to improve the workability, the adhesion, the flexibility and the resistance. To mix with cement or with cement and sand to create boiacche di ripresa di getto, mortars with low and high thickness, fluid mortars to fill cracks. To mix with "INTOMASSO" to realize screeds from 0,5-3 cm of thickness and to give in general more plasticity and resistance to cementitious mortars and plasters generally, to improve the adhesion, the flexibility and the water resistance of the adhesives.

AS Primer/ consolidating

- To improve the adhesion of base coat plasters, mineral coatings or other mortars on old and new walls, weak and inconsistent or not uniform on the absorption or on plasters based on gypsum and anhydride, on autoclaved foamed concrete blocks, cementitious substrates, concrete or cementitious screeds.
- To reinforce inconsistent or crumbling surfaces.
- To reinforce cementitious screeds of weak consistency.

SUBSTRATES

- Old and new masonries.
- Masonries in foamed concrete.
- Plasters based on gypsum and anhydrene.
- Plasters based on cement.
- Reinforced concrete.
- Prefabricated concrete.
- Screeds based on anhydrene.
- Cementitious screeds.
- Cementitious substrates in general.





PHYSICAL FEATURES

Appearance	Liquid fluid
Solid residue UNI EN ISO 3251	36%
Specific weight UNI EN ISO 2811-1	1,03 gr/cm ³ ± 5%
Ph	10,5
Limit value UE of the content of VOC (2010)	≤30 gr/lt
Content of VOC	≤30 gr/lt
Classification DIRECTIVE 2004/42/CE	H/BA

DILUTION

As primer/ consolidating

1:2 with clean water on concrete substrates and in general on substrates not absorbent and/or very smooth and/or not very adherent.

1:4/1:5 with clean water on substrates in general absorbent or with an average absorption.

As additive

See uses

YIELD

As primer/consolidating

8/12 mq for each lt, depending on the absorption of the substrates.

As additive

Depending on the use.

Use as primer/ consolidating

With a brush or a wool roller or by spray.

GENERAL APPLICATIONS

- Prepare the substrates removing all the crumbling and inconsistent parts and dusts, mud, bitumen, oil stains, etc.
- Wet in advance walls particularly absorbent or dry or exposed to hot climates.
- Prepare the quantity of mixture to use within 2 hours.
- With high temperatures, wind and low humidity, is recommended to protect from the quick dry moistening the substrates.
- Don't apply on frozen surfaces, with frost or possible frost in 24 hours.
- Don't apply until when the surface isn't completely dried.
- Don't apply with driving rain.
- We suggest to apply INTOGUM with a temperature between + 5 ° C and + 30 ° C.
- Don't apply with strong wind or in very sunny days.

As additive

- Add INTOGUM to the water of the mix to obtain an homogeneous fluid and then mix with dusts.
- Don't use INTOGUM with products based just on common lime.

As primer/consolidating

- Add INTOGUM with the water of the mix to obtain an homogeneous fluid.
- Don't wait for more than 2-5 hours, depending on the temperature, between the treatment with specific bonding mortar type "INTOGUM" and the following application.
- To dilute 1:2 with clean water on concrete substrates and on substrates in general not absorbent and/or particularly smooth and/or not very adherent.





INTOGUM

- To dilute 1:4/1:5 with clean water on substrates in general absorbent or with an average absorption.
- Waiting time to skim coat max 2/4 hours.
- Waiting time to plaster max 2/4 hours.
- Waiting time to glue floors and coatings max 2/4 hours.
- Waiting time to glue heavy coatings 4/5 hours.

SUMMARY

The optimization of the workability, the adhesion, the flexibility and resistance of cementitious mortars. The creation of grouts casting separation, mortars with a low and high thickness, fluid mortars to fill cracks with cement or with cement and sand. The reinforcement of inconsistent or crumbling surfaces; the improvement of the adhesion of base coat plasters or of mineral coatings on smooth surfaces or with an average absorption, concretes, weak, inconsistent or crumbling substrates. The reinforcement of cementitious screeds with an average consistency will be realized with concentrated additive based on special latexes in aqueous dispersion and specific additives, type "INTOGUM" by MALVIN S.r.l.

USED

For the preparation of biacche or fluid mortars for construction joints and for bonded screeds or mortars thickness for various uses:

IN COMBINATION WITH CONCRETE OR SAND AND CEMENT	GROUTS	MORTAR THICKNESS	
	FLUID MORTAR	< 1 cm	> 1 cm
INTOGUM	1Kg	1Kg	1Kg
WATER	1-2lt	2-3lt	8,5-10,5lt
CEMENT	3-4Kg	5-6Kg	12-13Kg
SAND	0	12-13Kg	50-52Kg

In combination with our plasters bottom lime and cement basis for the creation of a mortar suitable to be used on concrete or simply to give the basic foundation plasters lime and cement greater plasticity and resistance:

IN COMBINATION WITH LIME CEMENT PLASTER BASE "INTOCEM"	ANCHORAGE ON CONCRETE THICKNESS < 5 mm	HIGHER PLASTICITY AND STRENGTH
	PARTS	PARTS
INTOGUM	1	1
WATER	2	4

In combination with our cement based adhesives to impart to them the best adhesion, flexibility and water resistance:

IN COMBINATION WITH GLUE "INTOCOL"	PARTS
INTOGUM	1
WATER	2

In combination with our "INTOMASSO" to achieve screeds from 0.5 to 2 cm.

IN COMBINATION WITH "INTOMASSO"	PARTS
INTOGUM	1
WATER	4

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.



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