INTOCOL B

DESCRIPTION

Premixed cement-based adhesive, class C2 TE for the internal and external laying of floors and covers, with high workability, extended open time and improved adhesion, no vertical slip with an high and constant quality level, produced with an automated system.

COMPOSITION

White or grey cement, selected siliceous aggregates with grading from 0 to 0,6 mm, special resins, natural additives tested for the specific use which give to the product a very high adhesion and workability.

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 substrate internal and external but stable. No cracks, no detachment it's breathable and impact resistant. Is the ideal adhesive to lay inside and outside floors and covers with an average absorption.

AVIABILITY
INTOCOL B/B   white;
INTOCOL B/G   grey;

USE

INTOCOL B is a premixed cement-based adhesive at compensated shrinkage and controlled dry with high workability, extended open time and more adhesion, no vertical slip, frost-proof with excellent characteristics of registrability, excellent resistance to moisture, aging, acids and alkalis. Ideal for the laying of floors and covers with an average absorption and with sizes up to 60x60 cm and on absorbent and non particularly smooth substrates, to apply directly on every kind of interior and exterior but stable as: old and new plasters based on lime and cement, gauged mortars, premixed or traditional cementitious screeds, smoothed concrete floors, aged concrete, old floors in tiles and natural stones, heated floors. Specific to glue of every type of floor and cover as: ceramics, cotto tiles, natural stones, gres, etc. For glueing in overlap on old floors with tiles with max. dimensions 30x30cm. Specific to glue floors on screeds with insertion of under-floor heating systems.

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 by hand or with a mixer at low speed 'till when the mixture isn't homogeneous.
• INTOCOL B must be applied with a notched trowel compressing surfaces first with the smooth side of the trowel and then with the toothed part so as to homogenize the absorption thus not affecting the performance of the adhesive, is recommended for applications of external covers to spread the product also on the back of the tiles to avoid trapping cavity.
• Make sure that during the application there is no a superficial film, in this case wipe with fresh product.
• For difficult substrates mix INTOCOL B with latex "INTOGUM".
• For direct application on autoclaved foamed concrete blocks; mix with "INTOELASTIC" (acrylic dispersion) instead of the water of the mix, a very elastic and deformable adhesive to apply directly on autoclaved foamed concrete blocks non plastered, on which must be applied beforehand the primer "INTOAGGRAPPO".
• To obtain a very deformable adhesive and with a very high adhesion to use on substrates with a strong dimensional change and with a hard adhesion, mix with "INTOELASTIC".
• With high temperatures, wind and low humidity, is recommended to protect from the quick dry moistening it.

INTOCOL B

- Don't apply on frozen substrates, with frost or possible frost in 24 hours.
- With high temperatures, wind and low humidity, is recommended to protect from the quick dry, moistening the substrates.
- Apply on gypsum, anhydride, foamed concrete substrates, previously treated with bonding mortar "INTOAGGRAPPO" to apply at least 4/6 hours in advance.
- Don't apply on painted substrates.
- Don't apply with strong wind or in very sunny days.
- Don't apply until when the substrate hasn't completely dried.
- Don't apply with driving rain.
- Don't apply on old floors and ceramic covers, wood, metal, rubber, vinyl floors, linoleum and in general on substrates subjected to strong vibrations.
- Don't add any other material to the product.
- We suggest to apply INTOCOL B with a temperature between + 5 ° C and + 30 ° C.
- Can be walked on 24/48 hours at least.
- Hardening time 13/15 days at least.
- Waiting time for wall joints 6/8 hours at least.
- Waiting time for floor joints 24/48 hours at least.

YIELD
2/5 kg/mq.

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

TECHNICAL SPECIFICATIONS COMPLIANT WITH UNI UNI EN 12004:2012

Water content of the mix	~25-30%
Grading EN 1015-1	≤ 0,6 mm
Specific Weigth EN 1015-10	1.200 kg/m^3 ± 10%
PH mixed	12
Open Time EN 1346	>30 minutes
Pot Life	8 hours
Initial tensile adhesion strength after 28 days EN 1348	>1 N/mm^2
Tensile adhesion strength after water immersion EN 1348	>1 N/mm^2
Tensile adhesion after heat ageing EN 1348	>1 N/mm^2
Tensile adhesion strength after freeze-thaw cycles EN 1348	>1 N/mm^2
Vertical slip EN 1308	< 0,5 mm
Heat resistance	From - 30 ° C to + 90 ° C
Toxicity- Regulation CE 1272/08	Danger
Classification UNI EN 12004:2012	C2 TE/DOP nr. 145

SUMMARY
The laying of ceramic floors and covers inside and outside will be realized with a premixed powder adhesive with extended open time and, more adhesion and no vertical slip based on cement type "INTOCOL B" by MALVIN S.r.l., applied by hand and to mix just adding water, with a consumption of 2/5 kg/mq, classification C2TE compliant with UNI EN 12004:2012.

MALVIN