

INTOFUGHE



SPECIAL CEMENT-BASED SEALANT TO GROUT CAVITIES OF FLOORS AND COATINGS
Compliant with UNI EN 13888:2009

DESCRIPTION

Premixed plastic sealant based on cement, colored with inorganic pigments and earth pigments, water-repellent, with an high and constant quality level, produced with an automated system, specific to seal the cavities of every kind of floor and cover.

COMPOSITION

White cement, mineral and siliceous pure aggregates, inorganic pigments and earth pigments resistant to U.V. rays, resins and additives tested for the specific use which gives to the product a very good adhesion and elasticity, water-repellent agent.

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 sealant ties perfectly with every type of internal and external substrate but stable. No cracks, no detachment it's breathable and impact resistant. Is the ideal sealant for cavities of internal and external floors and covers.

USE

INTOFUGHE is a premixed cement-based water-repellent sealant at compensated shrinkage and controlled dry, frost-proof with an excellent resistance to moisture, ageing, acids and alkalis. Ideal to seal inside and outside every kind of floor and cover as: ceramic tiles, natural stones, mosaics, cotto tiles, stoneware, marble, marble tiles, marble-resin, concrete and glass and pools, to apply directly on every type of interior and exterior but stable as: floors and covers laid with premixed adhesives or traditionally, pools floors and covers.

AVIABILITY

INTOFUGHE F For cavities up to 4 mm, white and colored;
INTOFUGHE D For cavities from 4 to 20 mm, white and colored;

APPLICATION

- Prepare the cavities, removing any residue of adhesives or mortar and dusts, mud, bitumen, oil stains, etc.
- Wet in advance particularly absorbent or dry or exposed to hot climates walls, taking care to don't create water stagnation.
- To mix by hand or with a mixer at low speed 'till when the mixture isn't homogeneous.
- INTOFUGHE must be applied with a rubber trowel taking care to fill completely the cavities.
- Clean the surfaces sealed transversally to the cavities.
- For surfaces subjected to strong traffic or to frequent washings is recommended to mix "INTOFUGHE" with latex "INTOGUM" diluted 1:2 with water to obtain a better adhesion and flexibility.
- In case of "INTOFUGHE" mixed with "INTOGUM" is recommended to seal small sections and clean immediately.
- For very porous materials as Tuscan tiles is necessary to apply, before the sealing, specific wax being careful not to get the cavities dirty.
- With high temperatures, wind and low humidity, is recommended to protect from the quick drying moistening the substrates.
- Don't apply on frozen substrates, with frost or possible frost in 24 hours.
- 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.
- We suggest to apply INTOFUGHE with a temperature between + 5 ° C and + 30 ° C.
- Can be walked on 24 hours at least.
- Hardening time 13/15 days at least.
- Waiting time of glued coatings for joints hours at least.
- Waiting time of glued floors for joints 24/48 hours at least.
- Waiting time of floors laid traditionally for joints 7/14 days at least.

YIELD

Depending on the joints to fill.

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 13888-2009

	TYPE F	TTPE D
Water content of the mix	~26-28%	~23-25%
Max. grading EN 1015-1	<0,2mm	<0,6mm
Specific weight± 5%	1.000 Kg/m ³	1.250 Kg/m ³
PH mixed	12	12
Duration of the mix	60 minutes	60 minutes
Shrinkage EN 12808-4	< 2mm/m	< 2mm/m
Water absorption coeff. to capillary action after 30 min EN 12808-5	< 2gr	< 2gr
Water absorption coeff. to capillary action after 240 min EN 12808-5	< 5gr	< 5gr
Compressive strength after dry storage EN 12808-3	> 15 N/mm ²	> 15 N/mm ²
Compressive strength after freeze-thaw cycle EN 12808-3	> 15 N/mm ³	> 15 N/mm ³
Flexural strength after dry storage EN 12808-3	> 3,5 N/mm ²	> 3,5 N/mm ²
Flexural strength after after freeze-thaw cycle EN 12808-3	> 3,5 N/mm ²	> 3,5 N/mm ²
Toxicity	NO TOXIC	NO TOXIC
Heat resistance	-30° C a + 90° C	-30° C a + 90° C
Reaction to fire	Class A1	Class A1
Acid resistance	GOOD	GOOD
Moisture resistance	EXCELLENT	EXCELLENT
Ageing resistance	EXCELLENT	EXCELLENT
Abrasion resistance EN 128008-2	< 1000 mm ³	< 1000 mm ³
Classification UNI EN13888:2009	CG2	CG2

SUMMARY

The spaces of the internal and external floors and coatings will be grouted with a premixed water-repellent mortar based on cement, colored with inorganic pigments and earth pigments resistant to U.V. rays, type "INTOFUGHE" by MALVIN S.r.l., applied by hand and to mix just adding water.

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

