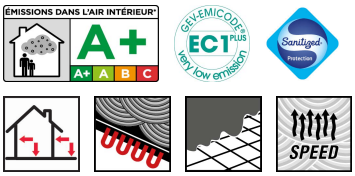
Special Products

Prepara Fondo EVO

UNIVERSAL ADHESION PROMOTER PRIMER FOR ADHESIVES, SELF-LEVELLERS, SKIM COATS AND CEMENT PLASTERS ON SMOOTH AND NON-ABSORBENT SURFACES. SUITABLE FOR OVERLAYING AND UNDERFLOOR HEATING. FOR INTERIORS AND EXTERIORS. READY TO USE. PRODUCT WITH VERY LOW VOLATILE ORGANIC COMPOUND EMISSION RATE.



DESCRIPTION

Prepara Fondo EVO is a ready-to-use adhesion promoter primer made from synthetic resins in aqueous dispersion with improved adhesion and water resistance, inert fillers with selected granulometry and specific rheological additives that ensure the product's fluid application with no dripping in the case of wall applications.

ADVANTAGES / FEATURES

- Product with very low volatile organic compound (VOC) emission rate. Complies with class EC1^{PLUS} according to the EMICODE protocol and class A+ (Émission dans l'air intérieur - French Regulations)
- Versatile product. Can also be used on underfloor heating and over existing ceramic and porcelain tiles
- Ready to use
- Perfectly adheres to different types of substrates such as: concrete, fibre cement panels, PVC, linoleum, wood, ceramic and porcelain tiles, stoneware, natural stones, surfaces with organic adhesive residue
- Easy and quick to install. Dries after 2 hours. Overlaying possible after 4 hours
- Suitable for interior and exterior floor and wall applications, even in severe operating conditions
- Product with pseudoplastic rheology, which prevents dripping in the case of wall applications
- Reduced consumption
- Excellent resistance to humidity
- Product exempt from restrictions for road, sea, air and rail transport

PACKAGING

5 kg bags - 735 kg standard pallet
10 kg bags - 640 kg standard pallet

INTENDED USE

Prepara Fondo EVO is used to improve the adhesion of adhesives, self-levellers, skim coats and cement plasters on medium absorbency and non-absorbent substrates such as concrete, fibre cement panels, metal, PVC, linoleum, wood, ceramic and porcelain tiles, stoneware and natural stones.

PREPARATION OF SUBSTRATES

The substrates must be clean, solid, compact, crack-free, properly cured and without rising damp.
The surfaces on which Prepara Fondo EVO is applied must be free of oil and grease or any other substance that may compromise adhesion.
Remove all traces of dirt and properly degrease using specific detergents such as Litoscrub EVO.
Any cracks must be repaired with Multifondo EVO, sprinkling the fresh surface with sand or dried quartz with granulometry 0.4-1 mm.
In any case, the respective technical data sheets must be consulted for correct use of the indicated products.

MIX RATIO

Ready-to-use product without the need for any preparation.
In any case, once the container has been opened, we recommend mixing the product briefly, even manually, with a steel trowel or spatula.

APPLICATION

The product is applied in a single coat directly onto the substrate to be treated using a long pile roller.
During application, ensure the product is evenly spread onto the surface.
After the drying time (about 4 hours at a temperature of +23°C), the product is completely dry and characterised by a rough surface, which facilitates the application of cementitious products, guaranteeing a high level of adhesion.
In the case of complex applications requiring the development of a reinforced and completely uniform covering, the

product can be applied using a PVC round-edged trowel (art. 203A0001), embedding the alkali-resistant glass-fibre reinforcing mesh, size 2x2 mm - basis weight: 75 g/m^2 (art. RTRN0050).

WARNINGS

- Spread the product at temperatures between +5°C and +35°C inclusive
- Since the product is based on synthetic resins in aqueous dispersion, it must be protected against frost. When packages are transferred and stored in a warehouse, the temperature must not fall below +5°C so as not to compromise the quality of the product
- Do not add lime, cement or other foreign materials to the product
- Do not use the product on damp surfaces or surfaces subject to rising damp
- In warm climates, keep the packaged product in a cool and dry place away from the sun before use
- Do not use the product to install ceramics on surfaces in continuous contact with water such as tanks, swimming pools, etc.
- To identify the adhesive most suitable to the requested type of application, it is recommended to consult the document “Synoptic table for choice of adhesives”
- In the case of application on exterior walls, given the host of possibilities, contact the Litokol S.p.A. Technical Help Service.
- Do not use the product for applications not stated in this technical sheet
- If in doubt, contact the Litokol S.p.A Technical Help Service.

SAFETY INFORMATION

Consult the product safety data sheet, available on request.
PRODUCT FOR PROFESSIONAL USE

ITEM SPECIFICATION

#The certified preparation of smooth, compact and non-absorbing base coats, before the installation of skim coats, levellers, self-levellers and fluid mortars, will occur using a single component adhesion promoter such as Prepara Fondo EVO by Litokol S.p.A.

IDENTIFICATION DATA

Appearance	Thick liquid
Colour	Grey
Specific gravity	1.50 kg/dm^3
pH	8,7 - 9,7
Brookfield viscosity (sp 6 - 20 rpm)	20'000 - 30'000 mPa^s
Dry solids content	70%
Customs code	32091000
Shelf life	24 months in original packaging in a dry place. Protect against frost.

APPLICATION DATA

Mix ratio	Ready-to-use product without the need for any preparation.
Thickness	< 1 mm
Application	Long pile roller, PVC round-edged trowel
Application temperatures	From +5°C to +35°C
Drying time or set to light foot traffic	Roller application: 2 hours
Waiting time for application of cementitious products	Roller application: 4 hours
Drying time	Trowel application: 6 hours
Waiting time for application of cementitious products	Trowel application: 24 hours
Temperature of use	From -20°C to +80°C
How to clean equipment	With water when product is fresh. Mechanically when product has set.
Consumption	Roller application: 150 - 200 g/m^2
Consumption	Trowel application with 2x2 mm mesh – basis weight 75 g: 0.8 kg/m^2

PERFORMANCE

Resistance to humidity	Excellent
Resistance to ageing	Excellent
Flexibility	Good

NOTES

Data detection at temperature +23 °C, R.H. 50% and with no wind. May vary depending on the specific conditions of the installation site.

The information and provisions contained in this technical data sheet reflect our best experience. Given the impossibility of directly intervening on the conditions of the work site and execution of the works, they represent indications of a general nature, which are in no way binding on our Company. It is therefore recommended to perform a spot test in order to check the suitability of the product for the intended use. In any case, those who intend to use the product must establish whether or not it is suitable for the intended use, and in any case assume all liability for any consequences resulting from such use.

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