
BoostPro

Technical Specifications



Professional latex based on modified synthetic resins in aqueous dispersion to improve the adhesion and workability of screeds, levelling compounds, skim coats and cementitious mortars

Product description

Professional latex based on modified synthetic resins in aqueous dispersion to improve the adhesion and deformability of screeds, levelling compounds, skim coats and cementitious mortars.

Solvent-free; the product is characterised by high resistance to alkaline saponification.

To improve the adhesion characteristics and mechanical strength, including when used outdoors, of cementitious mortars such as screeds, plasters and skim coats.

Suitable for preparing adhesive slurries for bonded screeds based on X-Floor Pro / X-Floor / Portland cement on existing substrates, and for preparing adhesive slurries for jointing fresh concrete to existing concrete.

Certifications

EC1 Plus Gev Emicode
A+ Indoor air emissions
EPD Environmental Product Declaration

Substrates

Screeds
Self-levelling compounds
Levelling Compounds
Concrete and reinforced concrete
Fibre-cement sheets

Lightweight panels

Uses

Interior – exterior
Floors – walls
Swimming pools – fountains
Terraces – balconies
SPA and Hammam
Indoor wet areas (bathrooms, showers)
Industrial flooring
Application of fresh-on-fresh bonding slurries
Residential, public and commercial construction

Limitations

Do not apply to wet surfaces, damp substrates (> 5% moisture content) or those subject to rising damp
Do not use where negative hydraulic pressures are present
Do not apply the product to damp surfaces or those prone to rising damp
Do not use the product for applications not listed on this technical data sheet
Refer to national standards, such as UNI 11493

Flooring installation

The application of finishes may be carried out at least 12 hours after the final coat under standard conditions. The installation of ceramic tiles, natural stone or mosaics shall be carried out using high-performance gels based on Litokol technology, which guarantee complete force transfer, consistent system performance and total safety. To ensure perfect adhesion of the adhesive gel, apply a thin, even coat of the mixture using the smooth side of the trowel and, immediately afterwards, apply the desired thickness using the notched side. In accordance with the UNI 11493-1 standard, use the double-coating technique, applying the gel to the back of the tiles as well to ensure they are fully saturated during installation in areas where the substrate may be subject to movement or expansion, outdoors, in swimming pools or in areas subject to particularly high stress. In accordance with the UNI 11493-1 standard, tiles must be laid with joints of a width appropriate to their size (minimum 2 mm). For grouting outdoors and in damp areas, we recommend using Starlike® Pro or Starlike® Easy. Respect any contraction or structural joints and provide suitable expansion, decoupling and perimeter joints.

Product specifications

Appearance	Liquid
Colour	White
Packaging	5 kg, 10 kg and 20 kg drums
Specific gravity	1.0 kg/dm ³
pH	10 - 11,5
Brookfield viscosity (sp 6–20 rpm)	10–30 mPa·s
Solid residue	47-50%
Customs heading	39069000
Shelf life	24 months in the original packaging in a dry place. Keep away from frost.

Application Specifications

Mixing ratio	See table
Permissible application temperatures	From +5°C to +35°C
Cleaning of equipment	With water when the product is fresh. Mechanically once the product has hardened.

Mixing ratio

ADDITIVE FOR SCREEDS		ADDITIVE FOR SKIM COATS UP TO 10 mm		ADDITIVE FOR PLASTERS		ADDITIVE FOR ADHESIVE SLURRIES	
Boost Pro	30 kg	Boost Pro	1 part	Boost Pro	1 part	Boost Pro	1 part
Water	120 kg	Water	1 part	Water	4 parts	Water	1 part
Cement	300 kg	Cement	4 parts	Cement	5 parts	Concrete or X-Floor	3 parts
0/8 mm aggregates	1 m ³	fine sand	4 parts	aggregates	15 parts		

Preparation of substrates

Substrates must be clean, dry, solid, compact, free from cracks or fissures, sufficiently cured and free from rising damp.
Residues of cement, lime, plaster or old adhesives can be removed mechanically by sandblasting, abrasion or other suitable techniques.

Preparation of the mix

For any type of mix, we recommend mixing the additive with water beforehand before adding the other powdered components, ensuring the specified quantities are used.
Mixing can be carried out using a concrete mixer, mortar mixers or an electric drill fitted with a mixing paddle.
In any case, it is advisable not to exceed the mixing times in order to avoid excessive air entrapment.
In the case of low-thickness skim coats or bonded screeds, it is essential to apply an adhesive slurry consisting of Boost Pro, water and cement in equal parts (1:1:1) to the existing substrate before pouring the screed.

Application

The grout can be applied using a brush, roller or trowel, and the mixture must be applied 'wet on wet' before the grout has formed a surface film.
The mix must then be compacted and trowelled to achieve the required thickness.

Warnings

Apply the product at temperatures between +5°C and +35°C
In hot weather, store the product packs in a cool place away from direct sunlight before use
As the product is based on synthetic resins in an aqueous dispersion, it is sensitive to freezing. During transport and storage of the packaging, ensure that the temperature does not fall below +5°C so as not to compromise the quality of the product
Due to the high adhesion, it is recommended to wash tools and remove any product residue from surfaces with water before the gel hardens. Once the reaction is complete and the gel has hardened, it can only be removed mechanically.

In hot weather, store the product packs in a cool place away from direct sunlight before use

Do not use for applications not listed on this technical data sheet

For further information, please contact Litokol's Technical Customer Service on +39-0522-622811 or via customer@litokol.com

Safety Information

For the safe use of our products, please refer to the latest version of the Safety Data Sheet, available at www.litokol.com

PRODUCT FOR PROFESSIONAL USE

Legal notices

The information and specifications set out in this technical data sheet are based on our best experience. However, as we are unable to directly influence site conditions or the execution of the works, these are general guidelines which do not in any way bind our Company. We therefore recommend carrying out a preliminary test to verify the product's suitability for the intended use; in any case, anyone intending to use it is required to determine whether or not it is suitable for the intended use and, in any event, assumes all liability that may arise from its use. Always refer to the latest updated version of the Technical Data Sheet, available on the website www.litokol.com

Specification item

The bonding slurry for the installation of bonded screeds shall be prepared using water, cement and a professional latex based on modified synthetic resins in aqueous dispersion, such as Boost Pro by Litokol Lab S.p.A.

Additives for screeds, levelling compounds, skim coats and cementitious mortars to improve adhesion and deformability will be incorporated using a professional latex based on modified synthetic resins in aqueous dispersion, such as Boost Pro by Litokol Lab SpA.

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