X-Activator®

Technical specifications

Polymeric primer and sealant, a water-based adhesion activator for sealing porous and non-porous surfaces and improving adhesion to the substrate. Superior mechanical adhesion

Description

X-Activator® is a ready-to-use adhesion promoter primer made from synthetic resins in aqueous dispersion with improved adhesion and water resistance and specific rheological additives that ensure the product's fluid application with no dripping in the case of wall applications.
This versatile, ready-to-use product can adhere to surfaces like concrete, fibre-cement panels, PVC, linoleum, wood, ceramic and porcelain tiles, stoneware, natural stone and surfaces with organic adhesive residues
Suitable for indoor and outdoor applications on floors and walls, on existing tiles and on radiant heating systems, even in severe operating conditions, allowing for quick drying in about 30 minutes and installation in about 1 hour
It offers excellent humidity resistance and pseudoplastic rheology, which prevents dripping in wall applications.
Product not subject to restrictions for road, sea, air and rail transport

Certifications

EC1 Plus Gev Emicode
A+ Emissions dans l'air interieurs
EPD Environmental Product Declaration

Materials

Gel
Adhesives
Self-levellers
Skim coats
Cement plasters
Waterproofing systems

Substrates

Concrete
Fibre cement panels
Metal
PVC
Linoleum
Wood
Ceramic and porcelain tiles
Porcelain stoneware
Natural stones

Uses

Promotes adhesion on moderately absorbent and non-absorbent substrates
Reduced absorption

Limitations

Apply the product at temperatures between +5°C and +35°C
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 apply 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 for the installation of ceramic tiles on surfaces in continuous contact with water such as tanks, swimming pools, etc.
Avoid excessive quantities of product
In case of painted floors, PVC or linoleum, sand and dust
The use of X-Activator® does not replace substrate cleaning, e.g. the removal of wax residues, grease, dust or other substances
For applications on exterior walls, metal, PVC, or linoleum, consult Litokol Lab S.p.A.'s Technical Help Service beforehand.
Do not use the product for applications not indicated in this Technical Data Sheet
For further information, contact the Litokol Technical Help Service at +39-0522-622811 or via customercare@litokol.com

Product specifications

Appearance	Thick liquid
Colour	Green
Responsible Packaging	1 kg recycled plastic bottle and 5 kg recycled plastic bucket
Shelf life	24 months in original packaging in a dry place. Protect against frost.
Customs code	32091000

Technical specifications

Resistance to humidity	Excellent
Resistance to ageing	Excellent
Flexibility	Good
Brookfield viscosity (sp 6 - 20 rpm)	20'000 - 30'000 mPa^s
Dry solids content	70%
pH	8,7 - 9,7
Specific gravity	1.50 kg/dm^3

Specifications for application

Mix ratio	Ready-to-use product without the need for any preparation.
Thickness	< 1 mm
Application	Roller or brush
Application temperatures	From +5°C to +35°C
Drying time or set to light foot traffic	Application with roller or brush: 30 minutes
Waiting time for application of cementitious products	Application with roller or brush: 1 hour
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	Application with roller or brush: ~ 50-100 g/m^2
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.

Substrate preparation

In accordance with Standard UNI 11493-1, the substrates must be mechanically resistant and free of friable parts, and clear of grease, oils, paints, waxes and rising damp.
Cement, lime, gypsum residue or old binders can be mechanically removed by sanding, abrasion or using other suitable techniques.
Cement plasters must have a curing time of at least one week per cm of thickness.
Cementitious screeds must have a total curing period of at least 28 days or be made with the innovative anti-fracture screeds, X-Floor and X-Floor Pro.
Anhydrite floors must be previously sanded and therefore dusted.
Use a hygrometer to check that the residual humidity is not greater than 0.5% in the case of gypsum- or anhydrite-based plasters or substrates.
Any cracks or fissures must be sealed with CrackRepair.
In any case, the respective technical data sheets must be consulted for the correct use of the indicated products.

Application

The product is applied in a single coat directly onto the substrate to be treated using a roller or a brush.
During application, ensure the product is evenly spread onto the surface.
After the drying time (about 1 hour 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.

Information regarding safety

For the safe use of our products, refer to the latest version of the Safety Data Sheet, available on the website www.litokol.com
PRODUCT FOR PROFESSIONAL USE

Legal notes

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 for 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.
Always refer to the latest updated version of the technical data sheet, available on the website www.litokol.com

Item specification

#For the certified preparation of smooth, compact and non-absorbent installation surfaces, before applying skimming plasters, levelling compounds, self-levelling compounds and fluid mortars, a single-component, adhesive promoter will be used, such as X-Activator® by Litokol Lab S.p.A.

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