



PRIMER SK

WATERPROOFING PRIMER IN ACQUEOUS DISPERSION FOR INDOOR WET AREAS. PRODUCT WITH VERY LOW EMISSION OF VOLATILE ORGANIC COMPOUNDS.



DESCRIPTION

PRIMER SK is a barrier against vapour used to limit the diffusion of water vapour in moist conditions before application of ceramic materials. PRIMER SK is part of a kit of products compliant to the standard ETAG 022-Part 1 defined as "Litokol Moist Areas System" and is classified as a product with very low emission of EC1^{PLUS} volatile organic substances certified by the Association for emission control of flooring products GEV (Gemeinschaft Verlegewerkstoffe, Emissionkontrollierte Klebstoffe und Bauprodukte e.V.). The product is characterised by a fast drying time and is easily applicable to floors and walls with a roller or brush. Also suitable for heating floors.

FIELDS OF APPLICATION

PRIMER SK must be used together with the HIDROFLEX liquid membrane and LITOBAND SK products and accessories specific for any waterproofing kit to ensure a perfect sealing of moist indoor

areas such as bathrooms, showers, shower areas in sports facilities or public schools. Follow the instructions on the flyer "Litokol waterproofing system for indoor wet areas".

PREPARATION OF THE SUPPORTS

The supports must be absorbing, smooth, clean, dry, free of dust or loose parts. Residues of cement, plaster or old adhesives must be mechanically removed by sanding, abrasions or other suitable techniques. Any depressions or surface imperfections can be regularised and smoothed with suitable self-levelling or levelling cement-based products such as Litoliv Extra 15, Litoliv S40 ECO and Litoplan Rapid. Any cracks (not subject to movement) can be filled and remedied with the two-component epoxy mortar Decor Primer sprinkling the surface with dry sand with the product still wet. Consult the relevant technical datasheet for proper application. The application of the waterproofing kits on rough un-levelled walls or flooring or on surfaces subject to moisture rising is not permitted. The table below shows the maximum allowable moisture values and times of maturation of the main supports.

	SUPPORTS	AGING TIMES	MAXIMUM MOISTURE
WALLS	Concrete walls	3 months	≤ 2% CM
	Cement-based plasters dosed on the construction site	1 week per cm of thickness	≤ 2% CM
	Pre-mixed cement-based plasters	According to manufacturer instructions	≤ 2% CM
	Litoplan Rapid levelling	24 hours	≤ 2% CM
	Gypsum-based plaster	According to manufacturer instructions	≤ 0,5% CM
	Gypsum boards	According to manufacturer instructions	dry
	Wood panels	According to manufacturer instructions	dry
	Fibre cement plaster	According to manufacturer instructions	dry
FLOORS	Lightweight panels in surface coated extrude polystyrene	According to manufacturer instructions	dry
	Cement slab	3 months	≤ 2% CM
	Cement-based screed	28 days	≤ 2% CM
	LITOCESM-based cement screed	24 hours	≤ 2% CM
	Anhydrite screed	According to manufacturer instructions	≤ 0,5% CM
	Levelling with Litoliv Extra 15, Litoliv S40 ECO, Litoplan rapid	24 hours	≤ 2% CM

CM – Carbide hygrometer.

APPLICAZIONE

Make sure that the climatic conditions within the building site are suitable for the application of the products. In particular, the temperature should be between +10° C and +25° C. Avoid applying products into environments with atmospheric moisture too high which would lead to a lengthening of the drying times. Check also that there are favourable conditions for the formation of condensation on surfaces. Shake the packaging and apply two coats of the Primer SK with a roller or brush directly on the support to be waterproofed using up 150 g/m² per coat. The second coat must be applied when the first one is dry and that is at a distance of about 30 minutes depending on the weather. With this amount of Primer Sk, in combination with the Hidroflex liquid membrane, you will get the following water vapour spread resistance: $S_d > 1 \times 10^6$ s/m. After complete drying of the second coat of Primer SK (about 2 hours at a temperature of +23° C), apply the Hidroflex liquid membrane in in two coats usig up 1.15 con kg/m² per coat, including the LITOBAND SK accessories between the first and second coat.

WARNINGS

- Do not apply the product if the temperature is not between +10°C and + 25°C.
- Do not apply the product on non-absorbent substrates such as old ceramic or marble tiles and natural stones.
- Do not apply on supports that feature moisture rising phenomena.
- Do not apply the product in case of condensation on surfaces.
- Do not apply the product for the waterproofing of bathtubs, swimming pools or outdoors areas.
- Follow the instructions on the "Litokol waterproofing system for indoor wet areas" flyer for complete waterproofing of moist areas.
- Do not use the product for applications that are not indicated in this data sheet.

SPECIFICATIONS

Aspect	Liquid
Colour	Pink
Solid content	55 ± 1 %
Density	1,3 ± 0,1
Viscosity (Brookfield sp 6/20 rpm – T=+20°C)	1000/1300 mPas
pH	2
Customs classification	3209 9000
Conservation time	6 months inside original packaging. Keep from freezing.

APPLICATION SPECIFICATIONS

Application	Roller or brush
Allowed application temperatures	From +10°C to +25°C
Drying time (T=+23°C)	1st coat: 30 minutes – 2 nd coat: 2 hours
Product consumption	300 g/m ² for both coats

PERFORMANCE

Flexibility	Excellent
Resistance to moisture	$S_d > 1 \times 10^6$ s/m in combination with Hidroflex liquid membrane in the indicated quantities
Resistance to solvents, acids, oils	Average

CONFEZIONI

5 kg container 600 kg standard pallet

INFORMATION ON SAFETY

Consult the product safety sheet available on request
PRODUCT USED FOR PROFESSIONAL USE

Although the information in this data sheet is the result of our experience, these have a purely indicative value.
Each individual case must be subjected to preliminary practical testing by the user who assumes responsibility for the final outcome of the work.

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