BUILDING TRUST

PRODUCT DATA SHEET

Sikafloor®-600 Acqua

IMPREGNANT DUST PROOFER EPOXY WATER BASE, TRANSPARENT FOR CEMENTITOUS FLOORS.

DESCRIPTION

Sikafloor®-600 Acqua is a dust proofer transparent product, bicomponent, based on epoxy-polyamine resins in water base emulsion for internal area on cementitious surface.

USES

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The product can be use as impregnant dust proofer for:
- Industrial floors
- Commercial and residential areas
- Garage and cellars
- For internal walls in industrial, commercial and residential areas

CHARACTERISTICS / ADVANTAGES

Thanks to its formulation, which allows different degrees of dilution, Sikafloor®-600 Acqua can be used on various types of cementitious substrates more or less compact and offers the following advantages:
- Good penetration in the support
- Dust proof effect
- Reduction of liquid absorption
- Resistance to frequent washing
- Good resistance aginst water, diesel fuel, detergent,ecc
- Easy cleaning and surface maintenance
- Absence of odors during installation
- Easy installation and cleaning of tools.

PRODUCT INFORMATION

Composition	bicomponent epoxy-polyamine resins in water base emulsion	
Packaging	Comp. A	tank of 2 kg
	Comp. B	tank of 1,5 kg
	A+B	3,5 kg
Shelf life	12 months from date of production	
Storage conditions	The product must be stored properly in original, unopened and undamaged sealed packaging, in dry conditions at temperatures between +5 °C and +30 °C. Protect from frost.	
Density	~ 1 kg/L	
Solid content by weight	63-65% (A+B)	
Viscosity	Brookfield method: csp 12.000 - 13.000 (+ 20°C)	

Chemical Resistance	Sikafloor®-600 Acqua have good chemical resistance to water, detergents, sodium chloride solutions, fruit juice, milk and diesel fuel. Occasional contact is possible with: gasoline, ethanol, xylene, hydrogen peroxide 3%.
Mixing Ratio	Comp. A 57,1 % Comp. B 42,9 %
Consumption	~ 30-50 g/mq/layer This figure is theoretical and does not include for any additional material required due to surface porosity, surface profile, variations in level and wastage etc.
Product Temperature	+ 10°C min. / + 30°C max.
Ambient Air Temperature	+ 10°C min. / + 30°C max.
Relative Air Humidity	70% max.
Substrate Temperature	+ 10°C min. / + 30°C max.
Pot Life	~ 60-90 min at +20°C after the mixing. Don't apply the material after the time indicate before, even if you don't see any diffenrence in the product.
Curing Time	Before overcoating Sikafloor®-600 Acqua allow: Temperature / Time +10°C / ~ 48 h +20°C / ~ 24 h +30°C / ~ 12 h
Applied Product Ready for Use	At +20°C and 70% relative humidity you have a walkability floor after 24/36 hours from the application. The maximum chemical and mechanical resistance can be obtain after 7 days from the application.

SUBSTRATE QUALITY / PRE-TREATMENT

Sikafloor®-600 Water has excellent adhesion to substrates cement-based provided they are cleaned of any impurities or dust and free of cement laitance and that surface contaminants are removed, oils, release agents, greases, silicones, etc. and old paintings existing. The best preparation results are obtained mechanically by sanding with polishing machine,sandblasting, water sandblasting or chemically or treating the support with a solution of muriatic acid at 5%. Leaving it to act until complete reaction, then rinse thoroughly with water and wait for the floor
be dry before proceeding with the application of Sikafloor®-600 Acqua.
Holes and cracks must be previously regularized using products from the Sikagard line, Sikadur or SikaMonotop.

MIXING

If the material is too cold bring it to a temperature of 20 ° -25 ° C.
Mix component A. Subsequently, pour all component B in the component A and mix thoroughly again for at least three minutes with electric drill until complete homogenization. Finally add 3.5-4 kg of water depending on the grade absorption and apply the product within workability time.

Mix ratio and diluition suggest

Component	by weight
Comp. A	100
Comp. B	75
water	185-225

Dilutions greater than those indicated may reduce the amount of product actually applied per meter framework and therefore the anti-powder effect of the treatment.

APPLICATION

Sikafloor®-600 Acqua can be applied in 2 coats a short-haired brush or roller with different degrees of dilution, depending on the condition of the substrate (compact, slightly absorbent, absorbent). The aesthetic homogeneity of the treatment is affected from the absorbent power of the substrate, from the system of application, from the presence of stains, micro-cracks, etc. on the surface at the time of laying, etc.

FURTHER INFORMATION

The drying of the product depends on the temperature, from humidity and air exchange. Therefore for to obtain a rapid drying is advised to facilitate circulation of the air itself.
The product has not yet polymerized it has a white-milky color.
In case of application of a single coat of product can

be find shadows.
Presence of humidity:If a resin film is made on subject surfaces at vapor pressure, consult our Service Technical.
Exposure to atmospheric agents:The transparent film that is obtained can be slowyellowing when exposed to sunlight: this yellowing however, it does not affect the features protective.

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage
and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related
data.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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