

Protectosil ANTIGRAFFITI® PRIMER

Protectosil ANTIGRAFFITI® PRIMER is a water based primer solution free of volatile organic compounds.

Technical Data

Properties and test methods	Value	Unit	Method
Viscosity	1,5	mPa.s	DIN 53015
Form	Liquid	-	-
Appearance	Yellowish, with precipitation	-	-
Density	approx. 1	g/cm ³	DIN 51757
Flash point	> 95	°C	EN 22719
pH-value	4,1	-	1:1 in Water

Registration

Protectosil ANTIGRAFFITI® PRIMER

AICS (Australia):	No
DSL/NDSL (Canada):	No
PICCS (Philippines):	No
TSCA (USA):	No
IECSC (P.R. China):	No
ENCS (Japan):	No
ECL (South Korea):	No
EINECS/ELINCS (EU):	Yes

Protectosil ANTIGRAFFITI® PRIMER is a water based primer solution free of volatile organic compounds. This product is particularly designed as a primer for Protectosil ANTIGRAFFITI®.

Protectosil ANTIGRAFFITI® PRIMER can be used on all absorbing, mineral surfaces such as concrete, sandstone, sandstone lime, and bricks. It is not necessary to use the primer solution for polished surfaces such as marble or granite.

Product characteristics

Protectosil ANTIGRAFFITI® PRIMER has a good chemical resistance and does not influence the good water vapor permeability of **Protectosil** ANTIGRAFFITI® nor the cleaning behavior of **Protectosil** ANTIGRAFFITI® treated surfaces. The later claim is proved in the case of concrete in diagram 1. 300 hrs in the QUV weatherometer correspond to approximately 1 year outside weathering in climates similar to South/West Germany. The best is done in accordance with EU standard.

Safety and Handling

Before considering the use of Dynasytan® and Protectosil® products please read its Material Safety Data sheet (MSDS) thoroughly for safety and toxicological data as well as for information on proper transportation, storage and use. The Material Safety Data Sheet is available after registration on our website www.dynasytan.com or upon request from your local representative, customer service or from Evonik Industries AG, Product Safety Department, E-MAIL sds-im@evonik.com.

Packaging and Storage

Protectosil ANTIGRAFFITI® PRIMER has a shelf life of at least six months if stored in originally sealed containers. The product should be stored at temperatures between 3 °C and 40 °C.

Protectosil ANTIGRAFFITI® PRIMER is supplied in 25 l and 198 l plastic lined steel drums.

Properties and Use

The necessary amount to be applied depends on the adsorbance of the substrate. Therefore the consumption rate varies between 60 and 120 ml/m². On standard L-Stones the consumption is about 100 ml/m². In order to determine the necessary product consumption we recommend in any case to do and to observe test patches of about 1-2 m².

On the substrate **Protectosil** ANTIGRAFFITI® PRIMER is nearly invisible.

A possible darkening of the substrate (e.g. red sandstone or dense concrete) by the following impregnation can be drastically reduced by applying the primer.

Processing

Protectosil ANTIGRAFFITI® PRIMER is a ready to use solution. The product should only be applied on dry and clean surfaces. Please shake the drum before application.

The surface of the facade to be impregnated must be clean and dry. All dirt and other substances, such as stains, algae, and moss must be thoroughly removed. Any water absorbed by the surface during the cleaning process itself must dry thoroughly before application. Cracks, gaps, and flawed joints must be properly repaired. Freshly applied repair mortar should be allowed to cure so that the surface is dry. During application the surface should be protected from sun light and rain. Both surface and ambient temperatures should be between 5 °C and 40 °C during application.

It is recommended to apply **Protectosil** ANTIGRAFFITI® PRIMER by spraying using preferably nozzles with small diameters (Airless spraying, HVLP-Spraying at 0,7 bar). The first application should be carried out from bottom to top to prevent run off due to pre-impregnation. Large drops should be rubbed away with a brush. It is important to apply the primer continuously and uninterrupted in order avoid overlapping. It is also possible to apply **Protectosil** ANTIGRAFFITI® PRIMER by brush or roller.

It is recommended to wait one day before applying **Protectosil** ANTIGRAFFITI® on top of the primer coating. Used equipment should be cleaned thoroughly with water. Dry product spots attached at e.g. plastic or aluminium window frames can be removed with water and if necessary with an alkaline household cleaner.

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