

TECHNICAL SPECIFICATION

TDS 3SP14

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ANTIGRAFFITI PSS-1000 PAINT

Antigraffiti PSS-1000 Paint (Protect Surface System) is a special two-component permanent antigraffiti painting system based on new technology, water based, polyurethane emulsions. Designed for application on inorganic (concrete, natural stone, etc.), wood as well as on properly prepared metal surfaces. It gives hydrophobicity and oil phobia and it does not allow dirt and graffiti to penetrate it and reach the substrate resulting in easy removal of marks from spray, graffiti, markers, remnants of posters, grease stains, oils, etc. It has high resistance to harsh weather conditions, large temperature differences and excellent resistance to UV radiation. It has great workability high spreading rate and levelling, giving a wonderful finish. Surfaces do not need recoating after graffiti removal.

APPLICATION

- *Substrate Preparation*

Surfaces must be clean, dry and free of loose materials, dust, oils, etc. New concrete or cement mortar surfaces must be painted at least one month after construction. Surfaces already painted with one-component paints must be thoroughly cleaned by chemical or mechanical means, while two-component paints and smooth-glossy surfaces must be sanded to ensure the best possible adhesion. Areas where fungi or algae have grown should be carefully cleaned with special fungicidal cleaning fluids.

Mix the two ingredients by carefully adding the entire amount of component B 'to the container of component A' under constant slow stirring. Then, pour into a new container, and after diluting to 5% with clean water, stir for another 3 minutes. Apply **PSS1000 Paint**, with a roller or spray gun (airless). After 5 hours and after the first layer has dried, apply the second. Care should be taken to stir the mixture at regular intervals throughout the application. On unpainted new surfaces, the application of an additional layer is recommended. The first layer with a dilution of 10% as a primer and two coats as a finish. PSS1000 Paint acquires its final properties at least 7 days after the application of the last layer. Special care must be taken after mixing the two components so that the total amount is applied within the time limit of the mixture. The shelf life of the mixture especially in the summer months is significantly reduced. Make sure that the total amount is applied in the shortest possible time and in any case during the summer months no later than 2.5 hr.

- *Application*
Brush, roller or pistol, diluted 5-10% with clean water.
- *Spreading rate*
12-14 m²/lt on properly prepared surfaces.
- *Drying time*
Touch dry in 0,5 hour. Through drying after 2 hours. Recoating after 4-5 hours. The drying time depends on weather conditions (temperature, humidity).
- *Cleaning of tools*
Try to remove as much paint as possible from the tools before cleaning them. Clean tools immediately after use with water and cleaning liquid if needed.
- *Restrictions*
Do not apply the product when the ambient temperature and/or the substrate temperature is lower than 5°C.

PACKAGING

Available in packages (A + B) of (10 + 2) kg and (3 + 0.6) kg.

STORAGE

Store in a dry and cool place (5°C to 35°C). Keep container tightly closed.

SAFE USE

Avoid contact with eyes. Consult the product's SDS for more information.

TECHNICAL CHARACTERISTICS

- *Binder:* 2 pack polyurethane.
- *Drying:* Touch dry after 30 min.
- *Repainting:* Minimum after 5hr.
- *Viscosity:* 1500-2000 cp at 25°C (Spindle No5, 20 rpm).
- *Solids of mixture:* ~ 53% by weight.
- *Density of component A:* 1.06-1.3 (Depending on the shade) / *component B:* 1.09-1.11.
- *Density of mixture:* 1.04-1.28 (Depending on the shade).
- *Finish:* Gloss (Satin or Mat after special request).
- *Thinning:* Up to 5% with clean water.
- *Colors:* White and on request in all shades of DCS, and international color palettes



VOLATILE ORGANIC COMPOUNDS

EU limit value for this product (cat A/c): 40 gr/lit. This product contains maximum 9 gr/lit VOC.

DRAPA
chemie

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