

SOLID PU 216 - MATTE POLYURETHANE PAINT

PRODUCT DESCRIPTION

SOLID PU 216 is used as a top coat protective matt paint in epoxy coatings where UV resistance is required, semi-rigid and rigid polyurethane coating systems, wood and concrete surfaces where matt appearance is desired.

TECHNICAL SPECIFICATIONS

Appearance	Mat
Colour	Red-Gray (Transparent Color)
Intensity (gr/ml 20°C)	1,4 ± 0,05
Mixing Ratio (By Weight)	A bucket. 85 Unit B bucket. 15 Unit
Solids by Weight (w/w)	% 75 ± 2
Pressure (bar)	250 bar [3625 psi]
Nozzle (inch)	0,019-0,023"
Flash point	>21°C
Application Method	Airless Spray, Air Spray, Brush, Roller
Pot Life (20°C)	3-6 hours



APPLICATION AREAS AND FEATURES

SOLID PU 216 Two-component, solvent acrylic polyurethane protective matt paint.

SOLID PU 216 Do not apply if the application ambient and surface temperature is below +10 °C or above +30 °C. Avoid application in rainy and windy weather.

It should be protected from water contact for at least 24 hours after the completion of painting.

Relative humidity should not exceed 70% during application. When the surface to be painted is cross-combed vertically and transversely, a monolithic coating appearance will be obtained without any trace of the roller.

USAGE MANUAL

Surface Preparation

The application surface is carefully cleaned from dirt, oil and grease. Loose old paint (on previously painted surfaces) is removed. Rust and burrs on the surface are cleaned with a diamond-tipped machine according to SA 2 ½ norms. A mask should be used for spraying applications. Very good ventilation is required especially in small, closed places.

Product Usage

Before using SOLID PU 216, its components are thoroughly mixed separately. Then a homogenous mixture is made with its own hardener. If necessary, thin with REAL6561 Epoxy thinner. To prevent condensation, apply only on a dry and clean surface with a temperature above the dew point. Paint temperature should be 20-35°C. Thinning may be required with very long spray hoses and paint temperatures lower than 15°C. This may lead to lower film thickness and longer drying time.

Application is done by brush, roller or spray gun. A mask should be used for spray applications. Very good ventilation should be provided especially in small and closed places.

AMBIENT CONDITIONS

Ambient temperature should be between +5°C and 35°C. Do not apply when the relative humidity exceeds 80%. The surface temperature should be at least 3-5 °C above the dew point to prevent surface condensation.

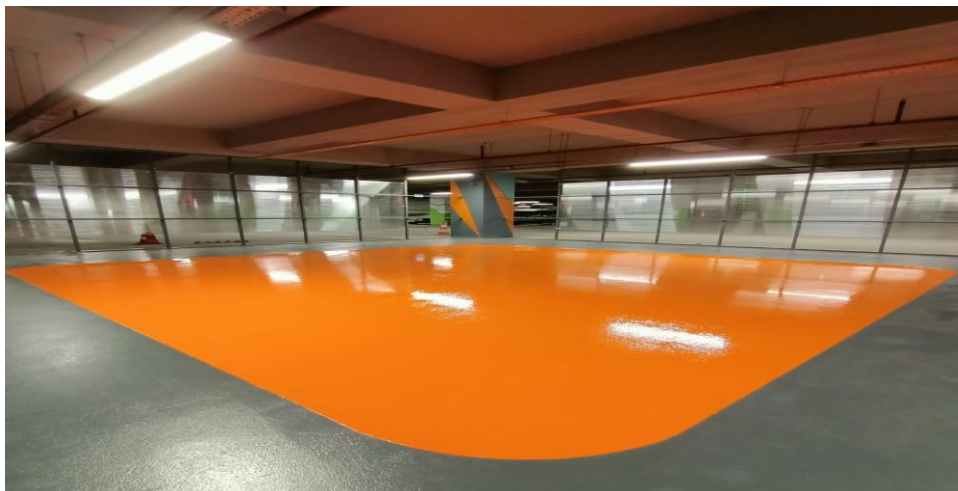
It should be known that the consumption will increase in windy weather. The surface temperature should be at least -5°C and at most 45°C.

PACKAGING

Total 20kg in two-component kits.

One bucket of SOLID PU 216 Component A is 17,00 kg net.

One bucket of SOLID PU 216 Hardener Component B is 3,00 kg net.



SHELF LIFE

The material should be stored in its original packaging in a cool and dry place. The storage life of the material in unopened packaging is 12 months for component A and B.

HEALTH AND SAFETY INFORMATION

Read the MSDS form (Material Safety Data Sheet) for necessary safety rules and warnings. The minimum safety rules to be observed are as follows.

- Contact of the paint with skin and eyes should be prevented by using gloves, protective goggles, face mask, and industrial cream.
- Ensure adequate air circulation during application and until the paint dries.
- If paint comes into contact with skin, wash with warm water and soap or industrial cleaner. If splashed into eyes, rinse with water for at least 10 minutes and seek medical attention.
- Since such materials contain flammable components, they should be kept away from sparks and naked flames. Smoking should not be allowed in the area.
- All warning notices on the buckets must be read carefully and the recommended operating rules must be observed.

**Our information about the products has been prepared on the basis of our own laboratory trials and researches under normal conditions. Our company is not responsible for studies under unsuitable application conditions. The right to change this information is reserved by our company. Please contact R.Y.K. for more detailed information.

