

SOLID PU SLF 116 – BRIGHT APPEARANCE SELF-LEVELING POLYURETHANE

PRODUCT DESCRIPTION

SOLID PU SLF 116 is a polyurethane resin based, glossy top coat coating product.

TECHNICAL SPECIFICATIONS

Appearance	full gloss
Colour	desired Ral
Intensity (gr/ml 20°C)	1,45 ± 0,05
Mixing Ratio (By Weight)	A bucket. 8,00 unit B bucket. 2,00 unit
Solids by Weight (w/w)	% 98 ± 2 Trowel, Brush, Rulo Maks.2 Day 20-25 min.
Solids by Weight (w/w)	20-25 min.
Aşınma Dayanımı	~60-72 mg (CS 10/1000 devir
Shore D Sertliği	75 ± (DIN 53505)
Flexural Strength (7 days)	>30 N/nm ² (TS EN 196-1)
Compressive Strength (7 days)	> 55/nm ² (TS EN 196-1)
Breaking Strength in Concrete	>4 N nm2 (rupture in concrete) (TS EN 4624)
Full Curing (day/22°C)	7 Day



*INSTITUTIONAL INFORMATION (100

	Woven drying	Hard drying	Waiting Between Floors Durations (Minimum)
-5°C	12 hour	29-30 hour	24 hour
0°C	9 hour	20-21 hour	18 hour
5°C	6 hour	13-14 hour	12 hour
15°C	120-160 minute	5-6 hour	3,5 hour
25°C	80-100 minute	3-4 hour	2 hour
35°C	60-80 minute	1,5-2 hour	1,5 hour

NOTE: As the application thickness increases, the drying time also increases.

CONSUMPTION Wet Film Thickness (μ)	DryFilmThickness (μ)	Teorik Sarfiyat ± 10 (gr/m ²)
1150	1100	1,600

NOTE: Consumption increases as the application thickness increases.

APPLICATION AREAS AND FEATURES

SOLID PU SLF 116, This floor covering system offers perfectly smooth surfaces in all colours. **SOLID PU SLF 116** areas of use;

- In bureaus, offices and shops,
- In the glamorous areas of markets and shops,
- In gyms and open areas of hotels,
- Art galleries and museums,
- Schools and libraries, engine repair and aircraft maintenance hangars,
- Exhibition, library, school and fairground floors,
- Doctor's examination rooms and hospital waiting rooms,
- It is preferred in homes and living spaces.

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 diamond tipped machine according to SA 2 ½ norms. A mask should be used during spraying applications. Very good ventilation is required especially in small, closed places.

Product Usage

Before using **SOLID PU SLF 116**, its components are thoroughly mixed separately. Then a homogenous mixture is made with its own hardener. To prevent condensation, it is applied 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 method; It is made by brush, roller or gun. A mask should be used for spray applications.

PACKAGING

One bucket of **SOLID PU SLF 116** Component A is 16.00 kg net.

One gallon of **SOLID PU SLF 116** Hardener Component B is 4,00 kg net.

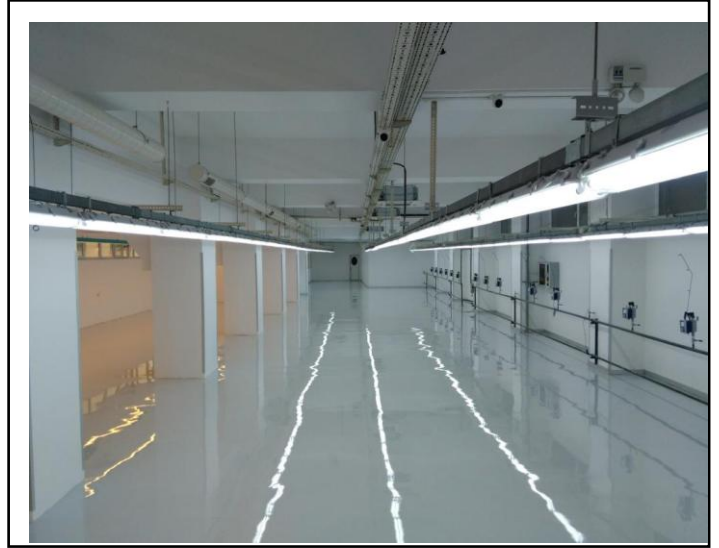
AMBIENT CONDITIONS

Ambient temperature should be between +15°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 the application at low temperatures. Surface temperature should be at least +5°C and maximum 45°C.

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.
- All warning notices on the buckets must be read carefully and the recommended operating rules must be observed.

— EPOXY FLOORING SYSTEMS —
— High-Performance Floor Coatings —

* Our information about the products is based on our own laboratory tests 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.

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