

SOLID NV 195 - NOVALAK SELF LEVELLING EPOXY

PRODUCT DESCRIPTION

SOLID NV 195 Two-component, high chemical and acid resistance, solvent-free, novalak epoxy based floor coating for industrial floors

* TECHNICAL SPECIFICATIONS

View color	: Full gloss
	: In desired Ral colours
Density (gr/ml 20°C)	: 1,50 ± 0,05
Mixing Ratio (Wt)	: A comp. 8,00 unit
	: B comp. 2,00 unit
Solid Matter by Weight (w/w)	: % 98 ± 2
Application Method	: Trowel, Brush, Roller
Reapplicability time.	: Max.2 Days
	: 20-25 min.
Aşınma Dayanımı	: 60-72 mg (CS 10/1000 devir)
Shore D Sertliği	: 75± (DIN 53505)
Bending Strength (7 day)	: >30 N/nm ² (TS EN 196-1)
Compressive Strength (7 day)	: > 55/nm ² (TS EN 196-1)
Tensile Strength of Concrete	: >4 N nm2 (betonda kopma) (TS EN 4624)
Full Curing (day/22°C)	: 7 day



*KURUMA BİLGİLERİ (100 mikron KFK)

	Dokunma Kuruma	Sert Kuruma	Katlar Arası Bekleme Süreleri (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 min	5-6 hour	3,5 hour
25°C	80-100 min	3-4 hour	2 hour
35°C	60-80 dak.	1,5-2 hour	1,5 hour

NOT: Uygulama kalınlığı arttıkça kuruma süresi de artar.

EXPENDITURE Wet Film Thickness (mm)	Dry Film Thickness (mm)	Theoretical Consumption Dry Film Thickness ± 10 (kg./m ²)
1,08	1,20	1,800

NOTE: Consumption increases as the application thickness increases.

UYGULAMA ALANLARI VE ÖZELLİKLERİ

SOLID NV 195 areas of use

- Factory production areas,
- In the food and beverage industry,
- Automotive industry and aircraft maintenance hangars,
- Warehouses, laboratories, waste water treatment plants,
- Hospitals,
- It is used in the coating of floors exposed to high concentrations of acids, bases, solvents, heavy chemicals such as chemical production facilities, food production areas.

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

SOLID NV 195 There should be no moisture on the application surface (SOLID WET 365 primer should be used) Solvent-free SOLID RESIN 360 should be applied to the prepared concrete surface. If necessary, the desired film thickness is obtained by sprinkling quartz. Cracks and pits on the surface, if any, should be repaired using SOLID GR 950 epoxy putty. Chemical Resistant SOLID NV 195 should be used as an intermediate coat on the primed surface, consumption should be minimum 0,500 kg/m². Top coat application SOLID NV 195 should be applied with a trowel, consumption should be minimum 1,800 kg/m².

Method of application; It is made with brush, roller or gun. A mask should be used for spraying applications.

PACKAGING

One bucket **SOLID 95 A** componenti net 16,00 kg
one gallon **SOLID NV 195** Hardener B componenti net 4,00
kg A-B cOMPENANT TOfal 20 KG.

ENVIRONMENT 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 to be made at low temperatures. Surface temperature should be at least +5°C and maximum 45°C.

CHEMICAL RESISTANCE TABLE

Acetic Acid 25% Boric Acid* Phosphoric Acid 85% Hydrochloric Acid 35% Hydrofluoric Acid 25% Lactic Acid 20% Nitric Acid 30% Sulphuric Acid* Tartaric Acid 50% Citric Acid 50% Seawater Deionised Water Brine 10% Motor Oil Vegetable Oils Castor oil Toluene Xylene Hexane Benzene Benzene Benzyl Alcohol Ethylene glycol Propylene glycol Propylene glycol Methyl Isobutyl ketone Ethylene glycol monoethyl ether Sodium hydroxide* Potassium hydroxide* Diethanolamine 88% Jet fuel Diesel petrol Gasoline Hydraulic Brake oil

SHELF LIFE

The material should be stored in its original packaging in a cool and dry place. 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 followed are as follows.
- Contact of the paint with skin and eyes should be prevented by using gloves, protective glasses, face mask and industrial cream.
- Ensure adequate air circulation during application and until the paint dries.
- If the paint comes into contact with the skin, it should be washed 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 notes on the buckets should be read carefully and recommended working rules should be followed.

*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. For more detailed information please contact R.Y.K.

Rev. No:09/Rev.Date: October 2022

Solid Epoxy Flooring Systems
287 Crooks Ave, Clifton, NJ 07011
+1 (973) 449-3616
solidepoxyfloor@gmail.com
<https://solidepoxyflooring.com/>