

# SUFFIX PU TC

Aliphatic Polyurethane Topcoat Paint

## FLOORING GROUP

### Description of Product

It is a polyurethane resin based, two component, flexible floor paint. Designed for outdoor use. It is used as a smooth, glossy final coat of paint systems designed as multi-layer or thin coating.

### Areas of Use

It is used as the final coat paint of outdoor floor covering systems, as outdoor marking and road marking paint, and as the final coat paint of insulation systems used in balconies, roofs, terraces and open car parks.

### Advantages

It is UV resistant with its aliphatic structure. It is easy to apply. It is suitable for use with airless spray paint application machines. It is flexible. It provides a smooth and shiny surface that helps create a hygienic environment and is easy to clean.

### Physical Properties

Quality (23°C, 50% RH)	Value	Standard & Method
Appearance	Shiny	-
Viscosity	Ral Colors	EN ISO 2555
Density (gr/cm <sup>3</sup> )	A+B Component: 1,33 ± 0,05	EN ISO 2811 - 1
Solids by Volume (% V)	A+B Component: 58 ± 1	EN ISO 3251

### Mechanical Properties

Nitelik (23°C, 50% RH, 7 Gün)	Value	Standart & Yöntem
Impact Resistance	Class III	EN ISO 6772-1:2006
Taber Abrasion Resistance (mg) (CS 10/1000/1000)	452	ISO 5470-1
Adhesion Strength (N/mm <sup>2</sup> )	> 3,5	EN 1542 ASTM D 4541

### Technical Properties After Application and Cure

Quality (23°C, 50% RH)	Value	Standard & Method
Mixing Ratio	100:29	-
Pot Life (minutes)	60	100 gr (A+B)
Touch Dry (hours)	6 - 8	-50% RH at 23°C
Full Curing (days)	7	
Waiting Between Layers (hours)	24	-
Opening to Light Traffic (days)	1	-

### Application Information - Surface Preparation

The application surface must be clean and solid. Attention should be paid to the overcoat application time of the previous primer or intermediate coat.

### Application Information - Environmental Conditions

- The relative humidity of the air should be at most 50% and the application temperature (environment and surface) should be between +10°C and +35°C.
- It should not be rainy in open areas 48 hours before, during and 48 hours after application.

## Preparation of Mixture

It is a two-component product and should be prepared in the specified mixing ratio for the amount to be consumed, taking into account its pot life. In order to obtain a homogeneous mixture, care must be taken that the product temperature is not less than 15°C. Component A should be mixed quickly with a mechanical mixer, and the hardener (component B) should be added, paying attention to the mixing ratio. Components A and B should be mixed with a mechanical mixer for at least 3 minutes until they become homogeneous and allowed to rest for 5-10 minutes. Care should be taken to consume the prepared mixture within its pot life.

## Application

The mixture, which is ready for application, is preferably applied by airless spraying or roller, by controlling the consumption in the paint system or with a wet film comb to obtain the desired dry film thickness. The application period for new coat on top is at least 24 hours (20°C) and at most 5 days. It is very important to apply the second coat within the new coat application time specified above. It reaches full mechanical and chemical strength in approximately 7 days.

## Cleaning after Application

With cellulosic or polyurethane thinner

## Packing

A set of 20.64 kg SUFFIX PU TC;

Component A: 16 kg

Component B: Consists of 4.64 kg.

## Consumption

1<sup>st</sup> layer as 0.15-0.20 kg/m<sup>2</sup>

2<sup>nd</sup> layer as 0.15-0.20 kg/m<sup>2</sup>

It is 0.3-0.4kg/m<sup>2</sup> in total in 2 layers.

## Storing and Shelf Life

The material should be stored in a cool and dry place. When stored correctly and in its unopened original packaging, the life of the material is 1 year for component A and 9 months for component B.

## Health / Safety Information

Comply with the Safety Data Sheet (SDS) prepared in accordance with the EU directives regarding the product.

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