

POLYSAT

Two component silk-finished transparent polyurethane alifatica filler based on solvent.

Product's Characteristics

POLYSAT is a two component filler based on isocianici polymer solvent for indoor or outdoor surfaces; it shows an excellent wearing, scratching, chemical and scraping strength, besides excellent resistance against impact, aggressive atmosphere, UV rays and saline mist. The product also shows a good resistance against trampling, rubbing, alcohol, petrol and common detergents.

Possible Uses

POLYSAT is ideal as transparent protective filler on auto-levelling out coatings, multilayer coatings or as a filler on decorative resin floor.

Support's Preparation

Supports have to be cleaned and dried. Surfaces' preparation is done by the use of machineries like polisher or mechanical brush.

Product's Preparation

Product formed by 2 components that will be carefully mixing just before application. Mix part A with part B using a mechanical stirrer; before application, evaluate the perfect emulsion of the 2 components.

- *Catalysis*: 100 A + 64 B
- *Dilution*: dilution isn't required

Application Method

The product is applied on 2 hands by brush, paint-roller or spray. Assure a good room aeration during the drying process so the water can evaporate and hardening sped up. If you don't want only a protective-aesthetical effect but also an anti-skid function, you can add ADDITIVO GRIP at 5% just before the use.

Colours

Silk-finished transparent.

Application and Stocking Conditions

- *Application temperature*: between +10°C and +40°C
- *Practice temperature*: between -20°C and +70°C
- *Stocking temperature*: between +5°C and +30°C
- *Tools' cleaning*: with solvent.

Technical Features

TECHNICAL DATA	METHODS	UNIT OF MEASUREMENT	VALUES
Density 20°C (A+B)	UNI EN ISO 2811	Kg/L	1,00±0,05
Dry remainder (A+B)	UNI EN ISO 3251	% (p/p) % (v/v)	40±1 35±1
Viscosity DIN4 20°C	DIN 53211	Sec	50±5
Gloss	UNI EN ISO 2813	Gloss	
Persoz hardness	UNI EN ISO 1522	sec	250±10
Wearing strength – weight loss (Taber Abraser Mole CS10 – 1kg/1.000 rotations)	ASTM D 4060	mg	<25
Mixing ratio	-	-	100 A + 64 B
Dilution	-	-	<i>Not required</i>
Theoretical covering		Kg/m ²	about 0,150÷0,180 (2 hands)
Depth		μ	about 40-50

Reaction time (T=20°C - H.R. 50%)

- *Pot-Life*: 12 hours
- *Tact's drying up time*: about 3 hours
- *Over application time*: about 3 - 4 hours
- *Pedestrian traffic opening time*: 24 hours
- *Light traffic opening time*: 36 hours
- *Heavy traffic opening time*: 48 hours
- *Surface's fully hardening*: 6 - 7 days.

Packaging

- Kit 1,64 Kg (1 Kg A + 0,64 Kg B)
- Kit 8,2 Kg (5 Kg A + 3,2 Kg B)

For further information contact the technical office Gruppo GANI at the number +39.031.905163.

The information contained in this technical card are based on the common experience in the sector, without specific implicit or explicit guarantee.

The application and the use of our products take place outside our control possibilities and so those fall down under the exclusive responsibility of the user.

ELEKTA is a division of:

GRUPPO GANI S.r.l. - Via Vivaldi, 4 22071 Cadorago (CO) Tel: (+39) 031 905163
www.elektapainting.com - customer@gruppogani.com