



PAVI.SOL FINISH

Polyurethane finish
for protecting decorative
coatings



konstruktive • **leidenschaft**



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PRODUCT DESCRIPTION

PAVI.SOL FINISH is a two component polyurethane solvent-based finish for protection and finish of surfaces with decoration or resin coatings. The product generates a uniform protective layer combined with high mechanical properties and surface anchorage, good resistance to abrasion, solvents and weathering.

PAVI.SOL FINISH is available with two different finishes: glossy or satin.

It can be used for the protection and finish of vertical or horizontal surfaces, it is resistant, durable, washable and easily cleaned with minor dirt retention.

COMPOSITION

PAVI.SOL FINISH is a two-component formula based on crosslinked Polyurethane resins in aliphatic solvent.

MIXING AND APPLICATION

SURFACE PREPARATION

The surface must be healthy, consistent, and free from dust and unstable parts. It must be dry and free from capillary humidity. Wash well and remove any dust, oil, grease etc.

Before applying **PAVI.SOL FINISH**, the surface must be prepared by lightly sanding to help finish adhesion.

FINISH

Before mixing, it is important to leave the product to acclimate to the temperature conditions in which it is to be applied.

Pour two components A and B in a single container and mix using an electric drill, taking care to emulsify the two components. Mix until product is smooth and homogeneous.

The prepared product can be easily applied using a Perlon short pile roller, crossing strokes and making sure that the edge of the roller overlaps a previous stroke whilst still fresh, otherwise the over lapping may be visible (product accumulation), leaving a striped floor. Apply the second coat between 12 and 36 hours of previous coat. Beyond the maximum time frame, it will be necessary to slightly sand the surface again before applying the polyurethane finish. Avoid applying a thick coat in a single layer, but obtain the desired thickness in two or three consecutive coats. Applying a thick layer could lead to delays in the development of physical and mechanical properties of the final product, with particular depth drying and sensitivity to water.

INDICATIVE AMOUNTS REQUIRED

Glossy finish: 0.10-0.15 kg per m² per coat.

Satin finish: 0.15 kg per m² per coat.

COLOUR

Transparent.

PACKAGING

1.0 kg pack A+B (glossy and satin)

5.0 kg pack A+B (glossy)

4.0 kg pack A+B (satin)

STORAGE

12 months in original intact packaging, protect from frost, not exposed to direct sunlight or heat sources.





RECOMMENDATIONS

Do not apply at temperatures below + 10°C or above + 35°C, in the presence of strong wind, rain and under direct sunlight. Protect the applied product from rapid drying due to strong winds for the first 24 hours after application. Do not apply to surfaces subject to rising damp. Avoid applying with relative humidity exceeding 70%. Comply with weather conditions and environment humidity. Respect the minimum and maximum times for overlapping layers. Do not mix the product after the pot-life.

The product is dry to touch 12-24 hours after application in normal environmental conditions. The treated surfaces are walkable after 24 of applying.

The temperature of the product, environment humidity and temperature and the substrate porosity affect the degree of shine (glossy or satin). Monitoring these parameters enables the correct degree of gloss of the product.

**GLOSSY FINISH
PRODUCT DATA**

<i>Appearance</i>	liquid
<i>Colour</i>	transparent
<i>Dry residue (A+B)</i>	51% w/w
<i>Specific weight (A+B)</i>	0.95 -1.00 g/ml
<i>Viscosity</i>	30-40 mPa
<i>Mixing ratio w/w</i>	A 100 : B 27
<i>Binder type</i>	polyurethane resin in aliphatic solvent
<i>Minimum application temperature</i>	+ 7°C
<i>Maximum application temperature</i>	+ 35°C
<i>Environment humidity</i>	< 60%
<i>Pot-life</i>	> 2 hours at + 35°C > 3 hours at + 25°C > 6 hours at +7°C
<i>Superficial drying time or to touch</i>	3.5-5.5 hours at + 35°C and 50% U.R. 8-10 hours at + 25°C and 50% U.R. 24-28 h hours at + 7°C and 50% U.R.
<i>Minimum time between coats</i>	12 hours
<i>Maximum time between coats</i>	24 hours
<i>Tool cleaning</i>	Neutral detergent after use
<i>Film appearance</i>	glossy

**SATIN FINISH
PRODUCT DATA**

<i>Appearance</i>	liquid
<i>Colour</i>	transparent
<i>Dry residue (A+B)</i>	65% w/w
<i>Specific weight (A+B)</i>	1,05 g/ml
<i>Viscosity</i>	150 ± 30 mPa (Spindle 1, rpm 30)
<i>Mixing ratio w/w</i>	A 100 : B 33
<i>Binder type</i>	polyurethane resin in aliphatic solvent
<i>Minimum application temperature</i>	+ 10°C
<i>Maximum application temperature</i>	+ 35°C
<i>Environment humidity</i>	< 60%
<i>Pot-life</i>	> 25' minutes at +35°C > 40' minutes at +25°C > 60' minutes at +10°C
<i>Superficial drying time or to touch</i>	6-8 hours at + 35 °C and 50% U.R. 12-14 hours at + 25 °C and 50% U.R.





VOC

	20-24 hours at + 10 °C and 50% U.R.	
<i>Minimum time between coats</i>	12 hours	
<i>Maximum time between coats</i>	36 hours	
<i>Abrasion resistance</i>	< 50 mg TABER grinding wheel CS-17-1000 spins – 1000 g of weight	UNI 8298-9
<i>Tool cleaning</i>	Neutral detergent after use	
<i>Film appearance</i>	satin	
<i>Category</i>	Two-pack reactive performance coatings for specific end use (SB/j)	
<i>VOC limits category</i>	500 g/l (2010)	
<i>Maximum VOC product content</i>	500 g/l	

REMARKS

Product for professional use. The data and instructions in this data sheet are based on our best practical and laboratory experience. They refer to laboratory tests and should be considered indicative. In view of the different conditions of use and application, which depend on factors over which Vimark has no control (type of surface, environmental conditions, technical indications for fixing, etc.), those who use the product are responsible for ascertaining whether or not it is suitable for the intended purpose. Thus our warranty obligation merely covers the quality and fade-free characteristics of the actual product, and exclusively in relation to the aforementioned data. Vimark reserves the right to make technical modifications without prior notice. This technical data sheet voids and substitutes all previous editions. Updates will be published on the web site www.vimark.com.

