



ASPIC Clear

Solvent-free, two-component polyaspartic clearcoat resin for manual application. It is designed for use as a clear, UV-resistant topcoat (does not yellow) on a SOUPLETHANE coating. This clearcoat is fast drying, even at low temperature, resulting to an aesthetic gloss finish. Good resistance to abrasion and shocks.

- **CLEARCOAT (INCOLORE)**
- **COLOR (COULEUR) (by using the pigment paste - Colorant ASPIC)**

Application Fields

ASPIC Clear can be used as a clear, colorless or tinted, UV-resistant (does not yellow) topcoat on a SOUPLETHANE coating.

Characteristics

Chemical Nature	2-component (2K) polyaspartic resin (aliphatic)	Mixing ratio	Comp. A / Comp. B = 1 / 1 per weight or volume
Composition	Component A - aspartic : Clear colorless liquid Component B – isocyanate : Clear colorless liquid	Density (at 20°C)	Mixture A+B : 1.1 g / ml (DIN 53217 / EN ISO 2811)
Solvent-free	100 % solid content (ISO 1515)		

Colors : Colorless transparent (clear-coat), possibility of different colors using the pigment Colorant ASPIC according to color chart - Others upon request

For pigment paste Colorant ASPIC – Mixing ratio : 125g pigment paste / 5kg resin (Comp A+ Comp B)

Advantages

Finishing layer (topcoat) perfectly adapted to the SOUPLETHANE system	Does not yellow under UV radiation
Aesthetic finish: clearcoat (colorless transparent) or colored	Solvent-free
Low consumption	Easy application

Properties

Concrete adhesion	2 MPa (concrete failure) (NF EN 1542)	Shrinkage	0
Steel adhesion	2.4 MPa (NF EN 1542)	Elongation	>20 % (NF EN ISO 527-3)
Service temperature (air)	5°C to 30°C		

Implementation

Preparation of the mixture	Thoroughly homogenize the polyol (A) before mixing. If a color finish is desired, the pigment paste Colorant ASPIC should be added to Component A and mixed well until a uniform color is achieved. Mix the mixture Comp A + Comp B with a mechanical stirrer for 40 seconds. Then pour the product into a second container and resume mixing for 10 seconds. To minimize the air entrainment during mixing, it is advisable to perform this operation at low rotation speed (approx. 400 rpm), taking care to keep the agitator at the bottom of the bucket during its rotation
Application	The substrate must be clean, dry, free from all traces of grease or dust Manual Application : roller (in crossed layers), brush or squeegee. The use of a paint tray and the work in small quantities is advisable to avoid the incorporation of moisture in the resin container (moisture accelerates the curing of the resin and decreases the pot-life)

Substrate temperature	10°C min.	Dew point : The substrate must be at + 3 ° C above the dew point to reduce the risk of condensation.
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Consumption	300 g/m ² to 1000 g/m ²
Thickness	0.1 to 1 mm
Covering time at 20°C	mini 5 h / maxi 72h
Start-up time (23°C, 50%r.h.)	8 h



Pot life	Temperature	+ 10°C	+ 20°C	+ 30°C
	Pot life	~ 50 minutes	~ 40 minutes	~30 minutes
	The pot life decreases as the temperature and / or amount of prepared product increases. Caution: Moisture accelerates the curing of the resin. It is advisable to work at <50% r.h.			
Covering time	Before application of ASPIC CLEAR on SOUPLETHANE			
	Temperature	+ 10°C	+ 20°C	+ 30°C
	Mini	8 hours	5 hours	4 hours
	Maxi	3 days	2 days	1 day

These data are only indicative because the curing time varies according to the drying conditions (temperature and relative humidity in particular)

Tools Cleaning	Tools are cleaned with acetone or MEK immediately after use. In the cured state, the product can only be removed mechanically.
Notes on the application / limits	<ul style="list-style-type: none"> Protect ASPIC CLEAR from contact with moisture before and during use. Moisture accelerates the curing (setting) of the resin and decreases the pot life. If a colored finish is desired, the ratio of the mixture with the pigment paste Colorant ASPIC must be respected. Colorant ASPIC - Mix ratio: 125g pigment paste / 5kg resin (Comp A + Comp B). The colored version might be less hard than the clearcoat version.

Packaging	In kits
5 kg	Predosed Kit (2.5 kg Comp. A + 2.5 kg Comp. B)

Pigment paste - Colorant ASPIC :
250 g can / 1 can for 2 kits of 5 kg ASPIC Clear

Storage

From the date of manufacture and in original unopened packaging, under cover at more than 5 °C in a cool, ventilated place (frost free)
Shelf life : 12 months