

ACRYL 172

1k Acrylic Single stage for methacrylate

PRODUCTS

Pigmented bases	DISOLAC	20
Binder	ACRYL 172	80
Thinner	SOLV SYNTHETIC 3	60-70%

DESCRIPTION AND PROPERTIES

- 1k Acrylic paint.
- Fast drying.
- Good gloss paint.
- Especially suitable for the painting of methacrylate surfaces.

CHARACTERISTICS OF ACRYL 172



Appearance	Glossy	
Gloss	>70 at 60°	
Specific weight of the Binder	0,9 kg/l at 20°C	
Solid content (binder)	22-26 % (weight)	19-23 % (volume)
Solid content ready to use (without dilution)	31-36 % (weight)	24-29 % (volume)
VOC ready to use	> 500 g/l - 2004/42/EC - IIA(j)(500)	
Dry film thickness	20-30 microns (2-3 coats)	
Theoretical yield 1 µm per litre of binder	260-360 m²/l	
Theoretical yield 1 µm per litre of mixing without dilution	250-290 m²/l	

SUBSTRATE AND PREPARATION OF THE SURFACE

	CLEANING	SANDING	FINAL CLEANING
Old paints	DS226	P360/400	DS226
Methacrylate	DS226	---	---

For other kind of substrates consult the Technical Service (SAT).

APPLICATION

	Mixing ratio Disolac+/Binder (in weight)				20/80			
	Electrostatic application (in volume)				---			
	Application	% thinner (Vol.)	Viscosity - 20°C (Ford Cup 4)	Pressure (BAR)	Product Pressure (BAR)	Nozzle (mm)	Num. of Coats x µm dry	Flash off (min)
	Gravity feed spray gun	60-70%	15"-17"	2-3	---	1,3-1,5	2x15	10' 20°C

If the application requires the use of an additive, it should be taken into account in the addition of solvent.

DRYING

 TEMPERATURE	 HANDLING	THROUGH DRY
20° C	15'-25'	30'-40'

Oven curing is not recommended.

The product reaches its maximum performance after 15 days of drying in the air (ambient temperature 18-22°C) or in a shorter time at a higher temperature.

ADDITIONAL ADDITIVES FOR SPECIAL USES

SITUATION	ADDITIVE	DESCRIPTION	EFFECT
Craters	Additive Anticrater Disolac	Film protection from outdoor polluting agents	Anticrater; film protection
Weathering resistance /UV filters	Additive UV	Protection of the coating film against UV layers	Increases the durability of the coating film
Overspray sensitivity /Too fast drying of the film	Flow Additive	Improve the application, for example in the application of large surfaces or in dry conditions	Keeps the film opened for a longer time
Fast drying	E9006	Decreases drying times if needed	Decreases drying times
Slow drying	E9003	Increases drying times if needed	Increases drying times
Degreasing	DIS226 DA93	DIS226 for plastics and surfaces electrostatically chargeable. DA93 for greasy surfaces.	

For use and instructions of the additives consult the technical data sheet of each product.

REMARKS

- Recommended to be used in ventilated spray booth at 20°C.

EQUIPMENT CLEANING

- Use a cleaning thinner before the pot life has expired.

SAFETY

- Follow instructions of product label.
- For more information check the Safety Data Sheet.
- Compliant with the National Statutory Regulation for Health and Safety at Work and Waste Disposal.

STORAGE

- Store the product in a ventilated place far from direct exposure to sunlight.
- Keep between +5°C and +30°C.

GUARANTEE

- One year in unopened original packaging.

These products are for professional use only. The Safety Data Sheet should be consulted before use and the precautionary warnings on the product packaging should be observed. Its correct use, according to its purpose and respecting its technical and security data, provided in these documents, is the sole and exclusive responsibility of the user. ROBERLO S.A.U declines any liability due to the incorrect use of any product.

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