

SINT 470

Semi-glossy nitro synthetic paint

PRODUCTS

Pigmented bases	DISOLAC	20
Binder	SINT 470	80
Thinner	Multi-purpose	0-80%

DESCRIPTION AND PROPERTIES

- Nitro synthetic paint with fast drying times.
- Designed to industrial applications that require short time to be dried.
- It is suitable for use on wood.
- The product must be applied in installations that comply with Directive 1999/13/EC.

CHARACTERISTICS OF SINT 470





Appearance	Semi-glossy	
Gloss	70 to 80% at 60°	
Specific weight of the Binder	1,0 kg/l at 20°C	
Solid content (binder)	25-29% (weight)	18-22% (volume)
Solid content ready to use (without dilution)	34-39% (weight)	24-29 % (volume)
VOC ready to use	> 500 g/l - 2004/42/EC - IIA(i)(500)	
Dry film thickness	35-45 microns (2 coats)	
Theoretical yield 1 µm per litre of binder	210-410 m ² /l	
Theoretical yield 1 µm per litre of mixing without dilution	240-290 m ² /l	

SUBSTRATE AND PREPARATION OF THE SURFACE

	CLEANING	SANDING	FINAL CLEANING
Old paints	DA93	P360/400	DA93
PRIMERS			
Primanyl 5011	DA93	---	---
Primapox 6021	DA93	Optional (P320)	DA93
Primapox 6041	DA93	Optional (P320)	DA93
Primapur 9051	DA93	Optional (P320)	DA93

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	70-80%	20"-23" F/4 20°C	2-3	---	1,3-1,5	2	10' 20°C
	Pot life:	--						

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	20'-30'	40'-50'

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
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
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.

*For any technical information contact with our Customer Attention Service or our Technical Department.
ROBERLO SA declines any responsibility due to an incorrect use of the product.*

