

PRO 84X-M

TINTABLE 2K ACRYLIC POLYURETHANE LINER MATT

PRODUCTS

Pigmented bases	DISOLAC	5-10
Binder	PRO 84X-M	95-90
Hardener	E-9105	7:1
	E-9103	7:1
	E-9106	7:1
Thinner	SOLV UNIVERSAL 5	0-20%
	SOLV UNIVERSAL 3	0-20%

ADDITIONAL PRODUCTS

84XTRA HARDNESS ADDITIVE	5% (in volume without dilution)
INSULATING AND ANTISLIP ADDITIVE	30% (in volume without catalysation, nor dilution)

DESCRIPTION AND PROPERTIES

- 2K acrylic polyurethane.
- Textured. It can be customized with the application.
- High resistance and flexibility.
- High mechanical and chemical resistance.
- Anticorrosive protection, out to the open and UV protection.
- Excellent adhesion to many substrates.
- Resistant up to 85°C in applied film.
- Recoatable with Disolac.

CHARACTERISTICS OF PRO 84X-M







Appearance	Texturing (different grades depending on the application)	
Gloss	Matt	
Specific weight of the Binder	1,1 kg/l (20°C)	
Solid content (binder)	59-64% (weight)	48-53% (volume)
Solid content ready to use (not dilution)	60-65 % (weight)	50-55% (volume)
VOC ready to use	< 500 g/l - 2004/42/EC - IIA(j)(500)	
Dry film thickness	180-230 microns (1 coat)	
Theoretical yield 1 µm per litre of binder	570-610 m ² /l	
Theoretical yield 1 µm per litre of mixing not dilution	540-580 m ² /l	
Corrosion category system 6041 + PRO 84X-M (ISO 12944)	C5 Medium / C4 High	
Corrosion category system PRO 84X-M (ISO 12944)	C5 Low / C4 Medium	

SUBSTRATE AND PREPARATION OF THE SURFACE




	CLEANING	SANDING	FINAL CLEANING
Old paints	DA93	P360/400	DA93
Plastic parts	DIS226	--	--
Steel*	DA93	P360/400	DA93
Galvanised steel*	DA93	P360/400	DA93
Aluminium*	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

**In some substrates, degreasing with Metal degreaser will ensure the adhesion.
For others surfaces, consult the Technical Service (SAT).*

APPLICATION

	Mixing ratio Disolac/ Binder (in volume)				5-10 / 95-90				
	Mixing ratio E-9105 (in volume)				7:1				
	Electrostatic Application (in volume)				---				
	84XTRA HARDNESS ADDITIVE (% in volume)				5				
	Application	% thinner (Vol.)	Viscosity - 20°C (Ford Cup 4)	Pressure (BAR)	Product Pressure (BAR)	Nozzle (mm)	Distance (cm)	Num. of Coats x µm dry	Flash off (min)
	Gravity feed spray gun	0-5%	-	2-4	-	2,5	20-30	1-2	45-60' 20°C
	RB1	0-5%	-	2-4	-	-	20-30	1-2	45-60' 20°C
	Pressure pot	0-20%	-	2-4	2-4	1,5-3	20-30	1-2	45-60' 20°C
	Overpressure	0-5%	-	1-3	1.5-2.5	2	20-30	1-2	45-60' 20°C
	Airless air assisted	0-5%	-	2,5-3	Air: 140-160	-	20-30	1 thick coat	-
 HVLP	HVLP	5-10%	-	1-2	-	1,3-2	15-20	1-2	45-60' 20°C
 S	Pot life	1 h							

DRYING

 TEMPERATURE	 TO TOUCH	 RECOATING
20° C	45-60'	1h-24h*
60° C	---	30'

**If recoated after 24 hrs, it is recommended to sand slightly with Robrite.
The product reaches its maximum performance after 15 days of air drying (temperature 18-22°C) or in a shorter time at a higher temperature.*

ADDITIONAL ADDITIVES FOR SPECIAL USES

SITUATION	ADDITIVE	DESCRIPTION	EFFECT
Extra hardness	84XTRA HARDNESS ADDITIVE	Extra resistance to scrapes and quick dry	High hardness and resistance to scrapes
Thermal, acoustic and anti-slip insulation	Insulating & antislip additive	Provides extra thermal and sound insulation and gives extra anti-slip properties	
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
Degreasing	DIS226	For plastics and surfaces electrostatically chargeable.	
Degreasing	DA93	For greasy surfaces.	
Degreasing	Metal degreaser	For metal surfaces, especially aluminium.	

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

REMARKS

- It is recommended to use in a ventilated cabin 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.
- Comply 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.

SHELF LIFE

- 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.

The information included in this documentation is based on our scientific and technical knowledge on the date of its issuance. ROBERLO reserves the right to modify and/or discontinue all or part of the information at any time and without prior notice. It is the user's responsibility to verify the update of the information. The latest version of this document replaces all previous versions.

All clauses contained herein apply to any future changes or modifications.

For any additional technical information please consult with our Customer Service or our Technical Department.