

PRO 84X-G

Tintable 2K acrylic polyurethane liner gloss

High resistance 2K DTM Acrylic Polyurethane textured topcoat with outstanding anticorrosive, chemical and mechanical protection. The texture is adaptable to the application's needs.

PRODUCTS

Toners	DISOLAC	5-10 (w)
Binder	PRO 84X-G	95-90 (w)
Hardener	E9103 – concentrated high solids medium slow	6:1 (v)
	E9105 – concentrated high solids medium	6:1 (v)
	E9106 – concentrated high solids fast	6:1 (v)
Reducer	SOLV UNIVERSAL 5 - medium	0-20% (v)
	SOLV UNIVERSAL 3 - slow	0-20% (v)
	R225 – exempt VOC & 0 HAPS reducer	0-20% (v)

ADDITIONAL PRODUCTS

84XTRA HARDNESS ADDITIVE	8% (in volume without dilution)
INSULATING AND ANTISLIP ADDITIVE	30% (in volume without catalyzation, 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 185°F in applied film.
- Recoatable with Disolac.

CHARACTERISTICS OF PRO 84X-G

Appearance	Textured, depending on the application	
Gloss	Semi-gloss	
Specific weight	9.2 lb/gal @68°F	
Solid content (binder)	70-74% (weight)	61-67% (volume)
Solid content RFU (without reducer)	61-70% (weight)	53-58% (volume)
Dry film thickness	7-9 mils (2 coats)	
Theoretical coverage per Gallon of mixing without dilution @ 1 mil DFT	880-945 ft²	
Corrosion category system 6041 + PRO 84X-G (ISO 12944)	C5 Medium / C4 High	
Salt spray resistance	480 h	
Humidity resistance	720 h	
Corrosion category system PRO 84X-G (ISO 12944)	C5 Low / C4 Medium	
Salt spray resistance	240 h	
Humidity resistance	480 h	

VOC

	90:10				90:10			
	VOC REGULATORY R225		VOC ACTUAL R225		VOC REGULATORY UNIVERSAL REDUCER		VOC ACTUAL UNIVERSAL REDUCER	
	lb/gal	g/L	lb/gal	g/L	lb/gal	g/L	lb/gal	g/L
% reducer 0	2,7	327,0	2,6	310,1	2,7	327,0	2,6	310,1
10	2,7	327,0	2,4	285,6	3,1	374,9	3,0	357,1
20	2,7	327,0	2,2	264,7	3,5	415,5	3,3	397,1

	95:5				95:5			
	VOC REGULATORY R225		VOC ACTUAL R225		VOC REGULATORY UNIVERSAL REDUCER		VOC ACTUAL UNIVERSAL REDUCER	
	lb/gal	g/L	lb/gal	g/L	lb/gal	g/L	lb/gal	g/L
% reducer 0	2,7	321,9	2,5	304,3	2,7	321,9	2,5	304,3
10	2,7	321,9	2,3	280,3	3,1	370,4	2,9	351,7
20	2,7	321,9	2,2	259,8	3,4	411,4	3,3	392,2

*VOC in the table is average, for specific colors check on iCrom

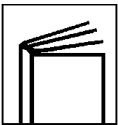
SUBSTRATE AND PREPARATION OF THE SURFACE






	CLEAN	SANDED	FINAL CLEAN
Old paint	DA93	P360/400	DA93
Steel*	DA93	P360/400	DA93
Galvanized steel*	DA93	P360/400	DA93
Plastic	--	--	--
Aluminum*	DA93	P360/400	DA93
PRIMERS			
Primanyl 5011	DA93	---	---
Primapox 6021	DA93	Opcional (P320)	DA93
Primapox 6041	DA93	Opcional (P320)	DA93
Primapur 9051	DA93	Opcional (P320)	DA93

**In some substrates, degreasing with Metal degreaser will ensure the adhesion.
For other substates consult with the Technical Assistance (SAT).*

APPLICATION



	PIECE		BIG SURFACE	
T(°F)	Hardener	Reducer	Hardener	Reducer
64-77	E9105/E9106	SOLV UNIVERSAL 5 / R225	E9105	SOLV UNIVERSAL 5 / R225
77-90	E9105	SOLV UNIVERSAL 5 / R225	E9105	SOLV UNIVERSAL 3 / R225
>90	E9105/E9103	SOLV UNIVERSAL 3 / R225	E9105/E9103	SOLV UNIVERSAL 3 / R225

	Toner/Binder (w)	90-95/10-5	84XTRA HARDNESS ADDITIVE
	Mixture/Hardener (v)	Tinted	Additive
		E910X 6:1	8%

	Application	% reducer (Vol.)	Pressure (psi)	Product pressure (psi)	Nozzle (mm)	Distance (inches)	Num. Of coats	Flash off (min)
	Gravity feed spray gun	-	29-43	---	2.5	7.9-11.8	1-2	45-60' 68°F
	RB1	0-5%	29-43	-	-	7.9-11.8	1-2	45-60' 68°F
	Airless air assisted	0-5%	35-45	2100-2600	9-13	7.9-11.8	1 thick coat without texture	-
	Pressure pot	0-20%	29-43	29-58	1.5-3	7.9-11.8	1-2	45-60' 68°F
	Over pressure	-	15-43	22-36	2	5.9-7.9	1-2	45-60' 68°F
	HVLP	5-10%	14-29	-	1.3-2	7.9-11.8	1-2	45-60 68°F
	Pot life (68°F)	1h	---	---	---		---	---

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

DRYING

 TEMPERATURE	 TO TOUCH	TO RECOAT
68° F (air dry)	45-60'	1-24h
86 °F	---	30'

The product reaches its maximum performance after 15 days of drying in the air (ambient temperature 64-72°F) or in a shorter time at 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	
Outdoor resistance / UV filters	UV additive	Film protection against UV rays.	Increases film durability.
Sensitivity to spray / Too fast film drying	Flow additive	Improves the applicability, for example in wide superficies or drying weathers.	Increases open film time.
Resistivity adjustment	Electrostatic additive	It's used to adjust the coating resistivity according to the equipment used.	Decreases coating resistivity.
Slip / cleaning	Ultraclean additive	Increases the slip power of the film and facilitate the cleanliness.	More slip and easy to clean.
Anti-slip	Textured additive	Convert smooth coatings to textured coatings increasing the film hardness and gives a powder paint effect.	Anti-slip, film hardness.

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 68°F.

EQUIPMENT CLEANING

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

SAFETY

- Follow instructions on 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 41 and 86°F.

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.

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