



DYO BOYA FABRİKALARI SANAYİ VE TİCARET A.Ş.

CAR REFINISH PAINTS

DYOCRYL 2K ACRYLIC TOP COAT (Series-140)

Resin Base :Acrylic Resin

Materials	- Dyocryl 2K AcrylicTopCoat Series-140 - Dyo Universal Hardener (normal) 871-0273 (fast) 871-0271 (slow) 871-0274 - Dyo Acrylic Hardener (normal) 871-0575 (fast) 871-0535 (slow) 871-0565 - Dyo Universal Thinner (normal) 803-9391 (fast) 803-9350 (slow) 803-9316																
Application/Properties	- Fast drying top coat. - Perfect adhesion. - High gloss and gloss retention. - High UV resistance. - Excellent physical and chemical properties.																
Substrate/Pretreatment	<table border="1"><thead><tr><th></th><th><u>Cleaning</u></th><th><u>Sanding</u></th><th><u>Subsequent Cleaning</u></th></tr></thead><tbody><tr><td>Well cured old paint work</td><td>822-9305</td><td>P 800-1000 (wet)</td><td>822-9305</td></tr><tr><td>1 K Primer applied Surfaces (Dyo AC Priming Filler Dyo 880 Filler)</td><td>822-9305</td><td>P 800-1000 (wet)</td><td>822-9305</td></tr><tr><td>2 K Primer applied Surfaces (Dyo 3+1 Priming Filler Dyo Universal Filler 4+1 Dyo Rapid Surfacer 4+1 Dyo Epoxy Filler EP)</td><td>822-9305</td><td>P 800-1000 (wet) P 360- 400 (dry)</td><td>822-9305</td></tr></tbody></table>		<u>Cleaning</u>	<u>Sanding</u>	<u>Subsequent Cleaning</u>	Well cured old paint work	822-9305	P 800-1000 (wet)	822-9305	1 K Primer applied Surfaces (Dyo AC Priming Filler Dyo 880 Filler)	822-9305	P 800-1000 (wet)	822-9305	2 K Primer applied Surfaces (Dyo 3+1 Priming Filler Dyo Universal Filler 4+1 Dyo Rapid Surfacer 4+1 Dyo Epoxy Filler EP)	822-9305	P 800-1000 (wet) P 360- 400 (dry)	822-9305
	<u>Cleaning</u>	<u>Sanding</u>	<u>Subsequent Cleaning</u>														
Well cured old paint work	822-9305	P 800-1000 (wet)	822-9305														
1 K Primer applied Surfaces (Dyo AC Priming Filler Dyo 880 Filler)	822-9305	P 800-1000 (wet)	822-9305														
2 K Primer applied Surfaces (Dyo 3+1 Priming Filler Dyo Universal Filler 4+1 Dyo Rapid Surfacer 4+1 Dyo Epoxy Filler EP)	822-9305	P 800-1000 (wet) P 360- 400 (dry)	822-9305														
Application	- Between each coat 5-10 minutes flash-off time should be given and 2-3 coats should be applied.																
Application on TPA (hermoplastic Acrylic) painted surfaces	- After cleaning the oil and sanding, one of the products given below should be applied followed by the application of Dyocryl 2K Acrylic Top Coat. - Priming Filler 118 (548-7508) - Ground Filler 2K (534-7508)																
Special Additives	Dyoplast Plastic Surfaces Additive (440-9150) For painting plastic materials, 25-50% Dyoplast Plastic Surfaces Additive(440-9150) should be added.																



DYO BOYA FABRİKALARI SANAYİ VE TİCARET A.Ş.

PROCESSING DATA	DYOCRYL 2K ACRYLIC TOP COAT (Series-140)
Mixing ratio(by volume) Top coat Hardener	2:1 : 10% (by volume) 100 parts Series-140
Reducer	50 parts Universal Hardener (normal) 871-0273 (fast) 871-0271 (solw) 871-0274 Acrylic Hardener (normal) 871-0575 (fast) 871-0535 (solw) 871-0565 10 parts Universal Thinner (normal) 803-9391 (fast) 803-9350 (slow) 803-9316
Potlife at 20°C	8 hours
Spray viscosity (DINCUP 4 / 20°C)	16-18 seconds
Gravity gun nozzle	1.2-1.3 mm.
Suction gun nozzle	1.4-1.6 mm.
Pressure	3-5 bar.
Spray coats	2-3
Dry coat thickness	35-40 microns
Flash off time (20 °C)	5-10 seconds
Drying Time 20°C 60°C	8 hours 30 min.utes
Comments	In case of pin -holing: a- Check whether the application viscosity is 16-18sec./DIN 4/ 20°C. b- Enough flash-off time should be given. c- Do not apply film thicknesses larger then recomended values In case of unsatisfactory hiding power: For colors containing a larger proportion of organic pigments with lower hiding power a suitable color with better hiding power should first be applied as the first coat.
Covering Area	8-10 m ² with 1 lt Dyocryl 2K Acrylic Top Coat.
Shelf Life	In its (140-) unopened container mininum 2 year/at room temperature. In its (871-) unopened container mininum 1 year /at room temperature
Healt and Safety Aspects	Please carefully read the health and safety instructions given on product container label. Users of this product are responsible to eliminate the related application wastes accordingly. Also, necessary precautions must be taken during transportation usage and storage.

Comply with the guidlines on working with Polyurethanes, i.e. Hardeners 871-0273,-0271, -0274 contain isocyanate.
Use only in well ventilated areas.Wear air breathing apparatus.

This technical information being to the latest standard of technology and contained in this leaflet is to be understood as advice only and not binding in any respect.All details about working with our products should be adapted to prevailing local conditions and materials used. Best results could only be obtained by using appropriate application parameters and equipment. Patents , if any, must be observed. All rights reserved.