



PDS N5.9.2C

April 2017

P190-6759 EXPRESS CLEARCOAT-LV

PRODUCT DESCRIPTION

P190-6759 Express Clearcoat-LV is a fast drying, 2-pack high solids acrylic urethane clearcoat which provides a fast and easy to apply high gloss, durable finish designed specifically for use over AQUABASE[®] Plus waterborne basecoat.

Designed for use with

Aquabase
PLUS

EXPRESS CLEARCOAT-LV

PRODUCTS

P190-6759

Express Clearcoat-LV

P210-872

Fast Hardener

P210-875

Medium Hardener

P210-877

Slow Hardener

P850-1775

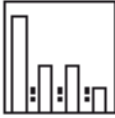
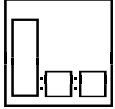
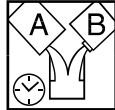


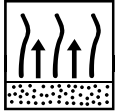



HS Plus Mid Temperature Reducer

SL93LV

Accelerator

THESE PRODUCTS ARE FOR THE PROFESSIONAL PAINTING OF AUTOMOTIVE VEHICLES ONLY

PROCESS

MIX RATIO	EXPRESS CLEARCOAT-LV		
	Express Plus System	Express System	Standard System
 	Clearcoat P190-6759 3 parts Hardener P210-872 1 part Reducer P850-1775 1 part* Accelerator SL93LV 2 %	Clearcoat P190-6759 3 parts Hardener P210-872 1 part Reducer P850-1775 1 part*	Clearcoat P190-6759 3 parts Hardener P210-875/77 1 part Reducer P850-1775 1 part*
<p>*Note: For the standard two coat application method, an additional 1/2 part of P850-1775 reducer may be added to improve flow if needed.</p>			
POTLIFE 	1 - 1.5 hours at 70°F (21°C) Note: Pot life will be shortened with increased temperatures		
SPRAYGUN & AIR PRESSURE 	Fluid Tip: 1.2-1.4 mm Spray Viscosity: 17-19 seconds DIN4 at 70°F (21°C) HVLP: Maximum of 10 psi cap pressure Compliant: 29-40 psi at the gun Refer to gun manufacturer's recommended air pressure.		
APPLICATION 	One Visit: Apply 1 light to medium flowing coat immediately followed by a second medium wet coat to give 2 - 2.5 mils dry film thickness. Or Standard 2-Coat: Apply 2 single medium wet coats allowing 5 to 10 minutes flash time between each coat, to provide for 2-2.5 mils dry film thickness.		
FLASH TIME 	One Visit: On a single vertical panel, allow 1 minute of flash time between the 1st and 2nd coats. For two or more panels, no flash time between coats is required. Or Standard 2-Coat: Allow 5 to 10 minutes between coats depending on your spray booth conditions and/or hardener or thinner combination.		
DRY TIMES   	<u>Express Plus System</u> Air Dry at 70° (21°C) Dust Free: 20-40 minutes Handle: 3-5 hours Polishing: 2-3 hours Force Dry at 120°F (49°C) Metal Temperature 20 minutes Force Dry at 140°F (60°C) Metal Temperature 10 minutes I-R Full Power: 8-15 minutes	<u>Express System</u> Air Dry at 70° (21°C) Dust Free: 20-40 minutes Handle: 5-7 hours Polishing: 3-5 hours Force Dry at 120°F (49°C) Metal Temperature 40 minutes Force Dry at 140°F (60°C) Metal Temperature 20 minutes I-R Full Power: 8-15 minutes	<u>Standard System</u> Air Dry at 70° (21°C) Dust Free: 20-40 minutes Handle: 5-7 hours Polishing: 3-5 hours Force Dry at 120°F (49°C) Metal Temperature 40 minutes Force Dry at 140°F (60°C) Metal Temperature 20 minutes I-R Full Power: 8-15 minutes

EXPRESS CLEARCOAT-LV

Weight Activation Chart for P190-6759 Express Clearcoat-LV

Cumulative Weight in Grams					
Final Ready for Use Volume	3 Parts P190-6759 Clearcoat	1 Part P210-87x Hardener	1 Part P850-1775* Reducer	+(optional)	2% SL93LV Accelerator
¼ Pint / 4 oz.	80.2	105.5	137.2		144
½ Pint / 8 oz.	160.4	210.9	274.5		287
¾ Pint / 12 oz.	240.6	316.5	411.6		431
1 Pint / 16 oz.	320.7	421.8	548.9		574
1.25 Pints / 20 oz.	400.9	527.3	686.2		718
1.5 Pints / 24 oz.	481.1	632.8	832.4		862
1.75 Pints / 28 oz.	561.3	738.2	960.6		1005
1 Quart / 32 oz.	641.4	843.6	1097.8		1149
1.5 Quart / 48 oz.	962.1	1265.4	1646.7		1732
2 Quart / 64 oz.	1282.9	1687.2	2195.7		2297

*Note: For the standard two coat application method, an additional 1/2 part of P850-1775 reducer may be added to improve flow if needed.

SUBSTRATES

P190-6759 Express Clearcoat-LV can be applied over *Aquabase* Plus basecoat after allowing proper dry time.

OPTIONAL PLASTICS APPLICATION

P190-6759 Clearcoat **5 Parts**
P100-2021 LV Flexible Additive **1 Part**

This mixture should be activated and thinned as normal.

When used on plastic parts, P190-6759 does not require the use of P100-2021. However, for very flexible or leading edge parts such as bumper covers and fascias, the addition of P100-2021 will improve overall flexibility.

RECOATABILITY

P190-6759 Express Clearcoat-LV used with Hardeners P210-872 fast, P-210-875 medium or P210-877 slow are fully recoatable after 3-5 hours air dry at 70°F (21°C).

When force dried for the recommended times and metal temperatures, P190-6759 is fully recoatable after cooling down.

POLISHING

Polishing is not normally required. If however, polishing is required to remove minor dirt nibs, wet sand with P1500 wet and follow normal polishing procedures.

EXPRESS CLEARCOAT-LV

PROCESS NOTES

For optimum performance paint systems should not be applied cold. For best results, allow adequate time for paint to reach 70°F (21°C).

Fading Out:

After spot repairing, use ONECHOICE® SXA840 OR SLV840 Uniform Finish Blender and apply starting from the outside of the repair moving towards the center of the repaired area to lose the clearcoat blend edge.

EQUIPMENT CLEANING

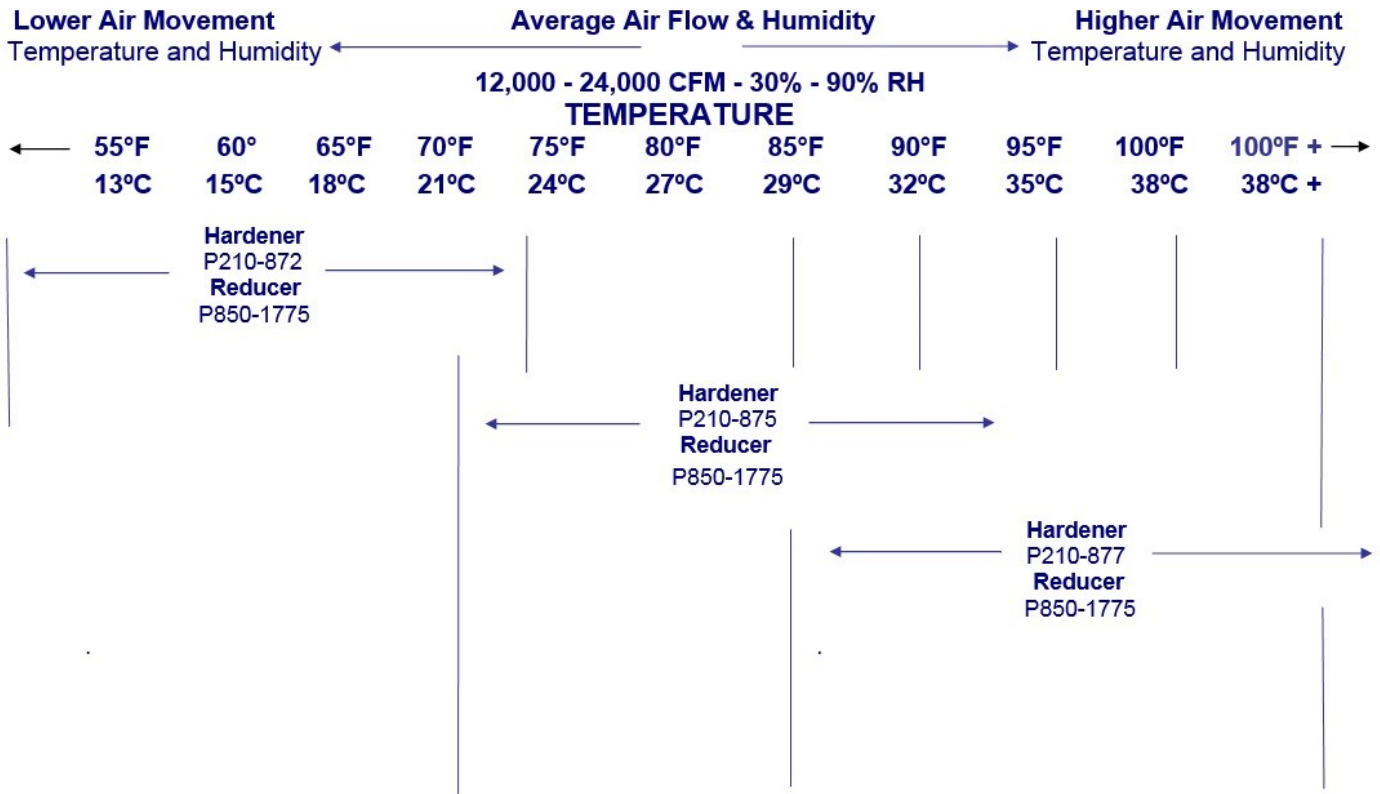
Approved Cleaning Solvent

PERFORMANCE SPECIFICATIONS

	Express Plus	Express Plus	Express Plus Flexible	Express/Standard	Express/Standard Flexible
	P190-6759 : P210-872 : P850-1775 : SL93LV	P190-6759 : P210-872 : P850-1775 : SL93LV	(Premix P190-6759 : P100-2021 @5:1 ratio) P190-6759 : P210-87x : P850-1775 : SL93LV + P100-2021	P190-6759 : P210-87x : P850-1775 :	(Premix P190-6759 : P100-2021 @5:1 ratio) P190-6759 : P210-87x : P850-1775 + P100-2021
RTS Combinations					
Volume Ratio	3:1:1+2%	3:1:1.5+2%	3:1:1+2%	3:1:1.5	3:1:1
Applicable Use Category	Clear Coating	Clear Coating	Clear Coating (Flexed)	Clear Coating	Clear Coating (Flexed)
VOC Actual (g/L)	151	138	151	139	136
VOC Actual (lbs./ US Gal.)	1.26	1.15	1.26	1.17	1.14
VOC Regulatory (less water, less exempt) (g/L)	249	249	247-248	249	236
VOC Regulatory (less water, less exempt) (lbs./ US Gal.)	2.08	2.08	2.06-2.07	2.08	1.97
Density (g/L)	1161	1178	1166-1170	1179	1174
Density (lbs./ US Gal.)	9.69	9.83	9.73-9.76	9.84	9.80
Volatiles wt. %	58.3	62.6	57.6-57.7	61.5	59.9
Water wt. %	0.0	0.0	0.0	0.0	0.0
Exempt wt. %	45.2	50.9	44.7-44.8	49.7	48.3
Water vol. %	0.0	0.0	0.0	0.0	0.0
Exempt vol. %	39.3	44.8	39	44.0	42.3
Solids vol. %	43.2	39.2	43-.5-43.8	40.1	42.2
Solids st. %	41.7	37.4	42.3-42.4		
Sq. Ft. Coverage / US Gal 1 mil at 100% transfer efficiency	693	629	698-702	643	677

EXPRESS CLEARCOAT-LV

P190-6759 EXPRESS CLEARCOAT-LV HARDENER SELECTION GUIDE



Smaller ← Temperature and Size of the Repair Will Affect Hardener Selection → Larger

For further information please contact:

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