

SERIES 10 FAST DRYING ONE COMPONENT ACRYLIC PAINTS FOR METALS

SPRAYLAT Series 10 is an automotive quality, one component, acrylic lacquer. It applies easily and dries in 15-20 minutes to a **DURABLE, FADE RESISTANT, SUPERIOR GLOSS FINISH**. When used in conjunction with 185 Primer it will provide the highest quality resin and pigment system available in the sign industry. Series 10 may be used as an air dry lacquer or force dried through a low bake oven.

This **COST EFFECTIVE, VERSATILE** paint may be used on **ALUMINIUM, STEEL, FOAMEX, MDF, VINYLs, POWDER COATED SURFACES** and **FLAT SHEET ACRYLIC**.

When used to decorate aluminium or steel the minimum requirement is that the surface should be free of oil, grease and oxide before priming. Metal abrasion is recommended. Clean surface with 206T Cleaner. 185 Primer Surfacer should be mixed 50:50 with 185 Activator and allowed to stand for 10 minutes. The Primer Surfacer will give a high build finish. Once the Primer is dry (within 10-20 minutes) the coloured component acrylic top coat may be applied. This high gloss finish may be adjusted with the addition of 10-91 Gloss Modifier.

Series 10 is sprayed using conventional spray equipment with recommended air pressure 60-80 psi and may be reduced with 10T Thinners between 30%-50% by volume. It can be recoated at any time without fear of intercoat adhesion. The top coat will air dry within 10-15 minutes. If masking or immediate packing is required, the Series 10 top coat can be force dried for 30 minutes at 60°C/15 minutes at 80°C. Even though the surface may appear touch dry, do not apply vinyls until the paint has fully cured (ie by force drying or by leaving overnight in warm, ventilated conditions).

10-91 GLOSS MODIFIER - For best results pre-mix equal amounts of paint to Gloss Modifier and mix well. Then add balance of paint to achieve desired gloss level.

15-20% Gloss level	=	17% addition of Gloss Modifier
30-35% Gloss Level	=	10% addition of Gloss Modifier
40-45% Gloss Level	=	8% addition of Gloss Modifier
50-60% Gloss Level	=	4% addition of Gloss Modifier

L208T RETARDER - Due to the fast drying nature of the paint a 'dry edge' may be apparent under certain circumstances (ie. very warm conditions or when spraying large components). Drying time can be slowed down by using 10R Slow Thinner or by adding 5-10% by volume L208T Retarder into the Series 10T Thinner before thinning the paint.

TECHNICAL DATA

	<u>185</u> <u>Primer Surfacer</u>	<u>SPRAYLAT</u> <u>Series 10</u>
Mixing Instructions	1 part primer 1 part activator	30%-50% reduction with 10T
Pot Life	8 hours	Indefinite
Application Method	Standard spray gun	Standard spray gun
Tape Time	N/A	4+ hours or force dry
Pencil Hardness	N/A	H
Gloss	N/A	High 85%
Gloss Retention	N/A	Excellent after 18 months in Florida
Flexibility	N/A	1/4" mandrel bend
Impact Resistance	N/A	40 lbs direct 10 lbs reverse
Graffiti Removal	N/A	Detergents
Water Resistance	Passes	Passes 48 hrs full water immersion with no loss of adhesion
Drying Time	15-20 minutes	Tack free: 10 mins. Dry to handle 20 mins
Force Dry	Air dry only	Force dry up to 60°C for 30 mins
Thinner	None	10T
Recommended Dry Film Thickness	1 mil/25 microns	1.0mil/25 microns
Coverage At Recommended Thickness	10 m ² /L	10m ² /L

SPRAYLAT INTERNATIONAL LIMITED, 1 Bardsley Road, Earlstrees Industrial Estate, Corby, Northants NN17 4AR
Tel: 01536 408409 Fax: 01536 400410