



SPRAYLAT 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 10-15 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.

Application - 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 re coated 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 fully cured by force drying 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 (i.e. by force drying or by leaving overnight in warm, ventilated conditions).

Pretreatment - 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.

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 (e.g. 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 | 185 Primer Surfacer | Spraylat Series 10 |
|-----------------------------------|---------------------------------|---|
| 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 | ¼ " mandrel bend |
| Impact Resistance | N/A | 40 lbs direct, 10 lbs reverse |
| Graffiti Removal | N/A | Mild detergent warm water |
| Water Resistance | Passes | Passes 48 hrs full water immersion, no loss of adhesion |
| Drying Time | 15-20 mins | Tack free in 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 | 10m ² /L | 10m ² /L |

General Note: It is important that this product is thoroughly evaluated under production conditions before being commercially adopted (Such an evaluation should incorporate a reference to ageing). The above recommendations are made in good faith for the guidance of users and are without liability. Any queries should be referred to our Technical Sales Department.