



Specialist suppliers to the Automotive Refinishing and Industrial markets

Guidance for using Synthetic CV & Plant Paint



Synthetic Enamel

Synthetic Enamel paint is suitable for large commercial vehicles

We stock a range of competitively priced synthetic paint and polyurethane paint, suitable for a range of uses. Ideal for Plant Hire equipment, machinery, tractors and Commercial Vehicles.

Fast Enamel - Typical uses are for machinery, fixed plant, construction equipment, sheet metal and general fabrication work, and larger items which are painted in open shop conditions.

1 Pack Polyurethane - Narrow Boats, externally above the water line, classic vehicles, tractors, traction engines, coaches, buses, trucks, and steam engines.

1 Pack Polyurethane Q.D. - A high performance fast drying, high build, high gloss durable finish for commercial transport. Typically dries with a tack free time of 2 - 3 hours, and can be taped up, using low tack tape within 6 to 8 hours for 'same day two-tone work'.

Health and Safety.

Synthetic Enamel paint and solvents. Products should be used in a well ventilated area, preferably in a spray booth. Personal protection should be worn by the operator, suitable face mask, overalls, gloves etc. Always ask and follow the Paint Manufacturers data and technical sheets.

Fast Enamel

Suitable for Machinery, fixed plant, movable equipment, fork lift trucks etc. Normally applied by spray gun, but small area can be brushed or rolled. Available in High Gloss, Semi-Gloss or Semi-Matt finish. Available in BS and RAL colour ranges.

Preparation

Surfaces must be dry sound and free from dirt, dust and grease. Existing paint work needs to be dry sanded with P180 - P240 grit prior to application of further colour or primer. For spray application prime with Manor Fast Primer or similar, and for brush application prime / undercoat with Manor Metal Primer or CV Primer Undercoat. Any non-ferrous metals must be pre-treated with Manor Wash Primer or Manor 1 Pack Etch Primer CT.

Application

Conventional spraying; up to 15 % Thinners may be added to suit equipment. Apply two coats wet on wet at a viscosity of 40-50 secs BS B4 Flow Cup. May also be hot sprayed unthinned at 65-70oC.

Drying times - touch dry 4-6 hours at 10C, overcoating min 24 hours max 3 days . Touch dry 2-3 hours t 20C, overcoating min 12 hours. (substrate temp)

Recoating between 2 and 12 hours may cause wrinkling. If left for more than 3 days between coats, it is important to lightly abrade the coating to ensure good intercoat adhesion. To repair runs and sags allow the first coat to dry such that the film can be lightly abraded to remove the defect, then leave the flatted surface to "heal up" overnight before re-coating using Low Odour White Spirit as the thinner.

1 Pack Polyurethane Commercial Vehicle Paint

Suitable for commercial vehicles, coaches, trailers and vehicles. Air drying, high build, high gloss finish with longer drying and wet edge times. Normally sprayed but excellent for application by brush.

Preparation

Surfaces must be dry sound and free from dirt, dust and grease. Existing paint work needs to be dry sanded with P180 - P240 grit prior to application of further colour or primer. For spray application prime with Manor Fast Primer or similar, and for brush application

prime / undercoat with Manor Metal Primer or CV Primer Undercoat. Any non-ferrous metals must be pre-treated with Manor Wash Primer or Manor 1 Pack Etch Primer CT.

Application

Ready for use with brush application. Spray application use pressure pot to comply with VOC regulations, or hot spray at 60-80C.

Drying times - touch dry 6 hours at 10C, overcoating min 24 hours, max 7 days. Touch dry 3 hours at 20C, overcoating 16 hours (substrate temp).

Overcoating - Usually applied wet on wet. If left for more than 3 days between coats, it is important to lightly abrade the coating to provide good intercoat adhesion. To repair runs and sags allow the first coat to dry such that the film can be lightly abraded to remove the defect, then leave the flatted surface to "heal up" overnight before re-coating.

1 Pack Polyurethane Quick Drying High Gloss Commercial Vehicle Paint

Suitable for commercial vehicles, coaches, trailers and vehicles. High performance fast drying, high build, high gloss for durable finish for commercial transport. Typically dries with tack free in 2-3 hours and can be masked with low tack tape withing 6 -8 hours for same day two-tone colours.

Preparation

Surfaces must be dry sound and free from dirt, dust and grease. Existing paint work needs to be dry sanded with P180 - P240 grit prior to application of further colour or primer. For spray application prime with Manor Fast Primer or similar, and for brush application prime / undercoat with Manor Metal Primer or CV Primer Undercoat. Any non-ferrous metals must be pre-treated with Manor Wash Primer or Manor 1 Pack Etch Primer CT.

Application

Brush application only small areas. Conventional spray by a pressure pot, or hot spray at 60-80C.

Drying times - touch dry 4 - 6 hours at 10C, overcoating min 16 hours, 3 days. Touch dry 2- 3 hours at 20C, overcoating 6 hours (substrate temp).

Overcoating - Usually applied wet on wet. If left for more than 3 days between coats, it is important to lightly abrade the coating to provide good intercoat adhesion. To repair runs and sags allow the first coat to dry such that the film can be lightly abraded to remove the defect, then leave the flatted surface to "heal up" overnight before re-coating.

Things to do:

Use a water trap between air compressor and spray gun.

Keep the workshop area warm.

Keep surface clean.

Things to avoid:

Do not leave a primer coat on the vehicle overnight as primers can absorb moisture.

Make sure your air lines are clear of water. Use a water trap, between the compressor and spray gun.

Check out our range of [Commercial Vehicle and Plant Paint](#) available from our website.

Disclaimer

This information is given as a general guidance without any warrantee and it is advised that reading the manufacturers data and technical sheets is always advised.

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