

Painters Guide for Synthetic Paint

Synthetic Truck Coat Poly Plus

A single pack oil based automotive air dry Paint, no hardener or additives required, it is available in gloss – satin or a matt finishes. This type of paint is mainly used on commercial vehicles and older cars, it is one of the very few automotive quality materials that can be applied by: brush – roller or spray application, **please state when placing your order if you require spray paint or brushing.**

Because of its versatility and durability it is ideal for use on: Tractors - caravans – narrow boats - plant - machinery & agricultural equipment. Truck coat poly plus has many advantages over other materials, apart from its good covering power it can be applied over almost all other types of paint finishes without any fear of reaction eliminating the need for paint sealers.

Dust free time:

25 - 40 min. Depending on weather / temperature conditions.

Mixing Ratio Paint and Primer: Spray application only: 1 part paint - 10% synthetic thinner. No thinners required for brush or roller application

Coverage:

You should be able to spray a small family sized car with 1.5lt of paint or a transit size van with 2.5lt.

Suitable for: Car - Caravan - Commercial Vehicle and many Industrial uses.

Spray area:

Prepare the workshop for spraying the primer and top coat. I strongly recommend you wear the correct protection: Face Mask, Painters overalls and gloves, spray in a well ventilated workshop. (See manufacturers health and safety instructions on our website)

Preperation

(1) Carry out repairs, making sure you do not overlap the body filler over the existing paintwork. Treat any rust spots with Ferrozinc rust cure, spot primer any bare metal with Truck coat 1k self-etch primer. Mixing ratio: add 10% Cellulose thinner for spray application, no thinners required for brush or roller application.

(2) Preparation: Flat the surface with 400 grit wet/dry paper or a 400 grit DA Discs, remove any dust with an air blow gun, then use a tack cloth before you wipe the surface with panel wipe, wax and grease remover.

(3) Applying Synthetic Primer Filler: Mixing ratio: 10% thinners to total volume, this can vary depending on the spray gun set up. No thinners required for brush or roller application. Apply a cover coat and leave to flash off for 20 - 30 minutes depending on weather conditions, before applying a second coat. When the primer is dry de nib using 600 or 800 grit wet/dry paper. Remove any dust with a blow gun then tack cloth the surface.

Avoid leaving the primer overnight in a damp workshop if possible as primers are porous so it could absorb moisture resulting in poor top coat adhesion.

Painting:

STIR WELL AND CHECK COLOUR. Most colour problems are caused because the paint has not been stirred thoroughly.

Add 10% synthetic Thinner to volume for spray application only, this may vary depending on your spray gun setup and air supply. I prefer to use a high pressure spray gun at 45psi with a 1.7 or 1.8mm nozzle set up.

Apply a cover coat of synthetic paint, leave for 20-30 minutes, depending on conditions.

Useful tips:

I normally touch the masking tape and when the paint is like the back of a postage stamp, not sticky just a little tacky, it is ready for the next coat or coats. Do not spray for a gloss just spray to cover the gloss will come as the paint settles. If you try and spray for a gloss you will most certainly get runs. In most cases synthetic paint colours cover well, providing a very high gloss finish if applied correctly, directly from the spray gun. You should not require any clear lacquer or any need to cut and polish.

If you happen to get a run or bits in the paintwork you cannot rectify very quickly. Being a 1k air dry material it takes a long time to fully cure, this again depends on the conditions and the amount of paint applied. In some cases it can take up to 3-4 weeks to fully cure and making it hard enough to flat out any runs or imperfections.

I have found the best way is if you use 1500 or 2000 grit wet/dry paper rub on a bar of soap and lightly flat out the run or any bits.

This is only my basic guide, if you require more information please have a look on the Jewel website for the Technical / Material Health and safety data sheets