



Diesel Chrome[®] Technical data sheet.

DESCRIPTION

Our Diesel Chrome[®] can be applied over most substrates that can take a 2k primer. This special effect finish works with our Hydrochrome[®] and Hydrochrome Extreme[®] reflective coating systems.

Diesel Chrome[®] creates an array of fresh, bright, vivid colours without the use of any colorants or dyes.

The colours produced are dependent sometimes on what substrate it's being applied over.

To ensure you better understand how this system works, we highly recommend that at least 5 test parts are produced 1st; this will give you the chance to play around with different effects and experiment a little before you attempt your project.

1 - Once you have got to the stage of applying the Silver of either of our Hydrochrome[®] Systems (we would advise you to follow the TDS related to either Hydrochrome[®] system for more information)

Ok so you have reached the point that you are applying the Silver either using the double nozzle spray gun or the manual trigger sprayer bottle.

You will need to apply a thicker layer of Silver than you would typically; this will ensure you have enough silver coating for the Diesel Chrome[®] solution to work with; otherwise, the colours will not be as vivid and in some cases, the silver layer will strip off leaving just the basecoat layer.

Warning Do not apply an anti-oxidant over the Silver; otherwise, this will block the Diesel solution from working.

Once your items have been silvered with a nice thick coat of silver, rinse then allow to fully dry.

2 - Mixing the Diesel solution- The recommended started measurements is 25grams of the supplied Diesel Solution to 975grams of tap water.

Once mixed, place the mixed solution you have into a plastic bottle then place this bottle into a container of just off the boil hot water to bring the mixed solution up to working temperature.

3 - Applying the Diesel Solution- This can be applied with a soft cloth dipped into the mixed solution then patted onto the silver layer using a "patting/dabbing" action as you will see the silver will start to produce colours.

Different colours can be achieved, first yellow, then green, red, blue, purple, and black depending on the number of applied layers and the amount of heat applied; the patterns will vary depending on the type of cloth you are using and how the cloth has been scrunched together.

The mixed solutions can also be applied using a trigger sprayer bottle, or a clean water-based spray gun or an Airbrush for more of a controlled finish.

Another method of applying the solutions is to dab or spray on the mixed solutions on cold then heat up the dabbed solutions using a hot air gun to produce the colours. When applying the cold solutions and heated, more solutions can be applied over the top then heated again to produce a layered effect.

Protecting the final finish - After you have achieved your final finish, rinse the surface with mineral-free water, dry using the same technique as you would when using the Hydrochrome® systems, using a pressurized air blower gun.

To remove any remaining moisture, place in a warm oven at 20c for 20 minutes.

To help keep the lush colours, we recommend you use the 2k water-based clear coat that's supplied in the kit.

Using 2k solvent-based topcoats tends not to preserve the colours as well.

Points to remember- If you are using the Hydrochrome Extreme system, you must be mindful of the 12 hour time window on the basecoat; this will ensure you get perfect inter-coat adhesion between the 3 layers.

Due to the inability of Creative Paints to anticipate or control conditions whereby our products will be employed, Creative Paints Ltd does not represent or guarantee that any Creative Paints product is fit for a particular purpose. Our products should be tested by users to determine suitability for a particular purpose. We disclaim responsibility for claims and damages beyond replacement of any defective of our product. There are no warranties which extend beyond the description on the face here of.

Updated: 16/02/2022