TECHNICAL DATA SHEET

Reflect Chrome effect paint



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DESCRIPTION

Special FX Chrome is a paint specifically designed to give a mirror chrome like appearance. This special Silver formula is a non-leafing pigment meaning that when applied in the correct manner all the silver flakes lay flat on the panel to create an ultra-high virtual chrome like appearance. Please follow the process below to get the best results.

Step 1

Prepare the panel to be painted in the normal manner and apply Special FX 2K Black Gloss.

Bake the direct gloss for 30 minutes at 60 degrees and allow to cool down (cold) do not touch the paint.

Step 2

When the direct gloss has cooled down, the chrome effect silver can be applied. Be aware! Do not touch the black direct gloss! This will show fingerprints or scratches in the silver. A cotton pad can be used to tack or dust off the surface.

Apply the silver preferably with a 0.8mm-1.0mm setup spray gun and apply medium mist coats of silver in an even application. 3-4 coats with a 5 minute flash off between coats should give a good reflective appearance. For larger jobs please tack in-between coats with a cotton pad or similar as this will not scratch the panel. Please note that over application will result in loss of gloss! Carry out a test panel first!

Step 3

When the silver has been applied, flash off for 30 minutes at 20 degrees. Although the silver has been applied onto shiny black it will slightly etch into the black improving the adhesion between the two layers.

Step 4

Now that the silver has dried, apply 2-3 light mist coats of the Chrome sealer. This is essential to ensure the chrome like appearance is maintained. Dry until matt and leave 20 minutes before clearcoat. For best results baking the sealer will improve the results. The chrome like appearance will be lost at this point but will come back when clear coated.

Step 5

Mix Final systems 2k HS Clearcoat with no thinner and apply one full wet coat. Flash off for 5 minutes and apply one full coat. Do not flood the panel with clear as this can dull off the chrome effect. A second mist coat or medium coat will be sufficient. The mirror like appearance may not be back yet but will return after a few minutes. After the flash off you may apply another coat.



Mix Ratio

RFU-Ready for use



Spraying viscosity

10 seconds (DIN4/20°C)



Spraygun tips

0.8- 1.0 mm | Spray at 1.8-2.0 bar depending on gun. A test panel should be carried out before application.



Number of coats

Apply 2-3 medium coats until the chrome like appearance has been achieved. Over application will lose the chrome like appearance.