



Thermachrome® Technical Data Sheet

Thermachrome® is our new decorative reflective coating system, it is easier to use compared to our Hydrochrome® and very versatile.

What are the best substrates to use?

- Fully cured 2k Acrylics
- Glass
- Ceramics'
- Polyester powder coatings
- Thick glossy type plastics
- Wood
- MDF

Perversely painted surfaces you would like to give a reflective finish to, for example the front of your fridge or washing machine, we know through experience if it is a factory finish it would mostly be powder-coated type.

Once this has been degreased you will use Propane torch to open the surface up, just using the tip of the inner blue flame waft it across the previously painted surface you will notice a condensation type line appear and move with the flame this is good and shows that the Blue flame treatment is working well.

'Flame treatment you can read more of this type of prep procedure on Goggle as it is used a lot in preparing plastics ready to be coated.'

Once the area has been flame treated paint on the product as even as you can and allow to flow and self-level, after the 1st coat has dried 15 - 20 mins apply a 2nd coat. Once the 2nd coat has dried you are ready to show it the blue flame.

If you have enough of the coating you can dip in the product to the item you are coating.

We recommend using a new very high-quality paint brush to apply.

We recommend staying away from spray gun application at this stage due to ongoing wetting issues that can occur when not done properly.

If you wish to proceed with a spray gun, we would recommend you turn the product supply on your spray gun right down and your air up high to create a very fine spray pattern.

Your need to apply 2 very light dust coats, with half triggering in-between coats to force dry. This is then followed by a full wet coat, this method will enable the polymer to stay wet, but it can be a bit hit and miss, so we would recommend the brush on method.

Showing it the blue flame:

We would recommend if you have not flame treated before always work on test items 1st, this will enable you to get your head around how it all works, just remember that ceramics are cold to touch so it will take a little longer for the reflective mirror to appear than it would do say on an alloy wheel.

We would recommend you use the water-based 2k clear-coat we sell in the shop as this has direct adhesion to silver as well as fantastic ant UV properties.

This is classed as decorative coating only and has not been UV tested, and does not have full inter-coat adhesion.

HEALTH & SAFETY

Please read all Material Safety Data Sheets for all products before use.

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