



## Thermachrome™ Technical Data Sheet.

Thermachrome™ is a new reflective coating system, we are still in the R&D stages of this product! But because it is easy to use and very versatile we through we do an early launch on this product this will give you a go quickly instead of waiting another 6 months before it gets officially released.

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 door, We know through experience if it is a factory finish it would mostly be a powder-coated.

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 show that the Blue flame treatment is working well.

*Flame treatment you can read more of this type of prep procedure on Goggle as its 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 1<sup>st</sup> coat has dried 15 - 20 mins apply a 2<sup>nd</sup> coat.

Once the 2<sup>nd</sup> coat has dried you ready to show it the blue flame.

If you have enough of the product you can dip apply the product to the items 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 on going issues we are working on ☹️ A 2<sup>nd</sup> more spray gun friendly version will be sold at some point.

### **Showing it the blue flame:**

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

We are working on a basecoat that will enable Thermachrome™ to have inter-coat adhesion between the 3 layers and have UV stability.

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