



THE HEAT REACTIVE PAINT

Technical data sheet

DESCRIPTION:

Custom Creation Paint's Thermal Heat Reactive Paint is used as the mid-coat. This allows the painter to utilise any ground coat. As the paint reaches its predetermined activation temperature, it turns clear to reveal the ground coat underneath. As the temperature drops the paint's original colour will return.

We do recommend this product is used for internal applications only, due to the effect U.V rays have on the paint pigment. This can be used with most of our other products.

COLOUR AVAILABILITY:

Black/Grey

PREPARATION:

Thermal Heat Reactive Paint should only be applied over suitable ground coats or sound original finish. Use ground coats as directed or abrade sound and fully cured finish with P1200 wet and dry or P1000 sanding disc.

GROUND COAT:

For the most dramatic effect apply a white base.

MIXING:

N/A - ready to spray. Do not thin.

POT LIFE:

Not Applicable – will keep in airtight container

GUN SET UP:

Conventional (Gravity): 1.4mm – 1.8mm

HVLP (Gravity): 1.2mm – 1.6mm

AIR PRESSURE:

Conventional: 50 – 60 psi at the gun

HVLP: 10 psi maximum at the cap

APPLICATION:

1. HVLP Guns are recommended.
2. **SHAKE CAN WELL FOR 2-3 MINUTES AND STRAIN THE PAINT INTO THE PAINT GUN.**
3. Set the gun fan at 6 inches. Adjust the gun fan by opening the air fan to full and turning in the paint jet until you have a 6 inch fan.
4. Gun distance while spraying should be approximately 4-6 inches away from the surface.
5. Apply 3-4 coats with 75% pattern overlap (with a 6 inch fan you should only move the gun down 2 inches on each pass to achieve a 75% pattern overlap) followed by light drop coats to give an even appearance.
6. Allow 10 - 20 minutes flash time between coats. Each coat must be completely dry before applying the next coat.
7. This paint takes time to build up the colour as it is made from a microscopic crystal rather than a standard pigment.

FLASH TIME:

Allow flash 10 - 20 minutes flash time between coats. Each coat must be completely dry before applying the next coat.

TOPCOATING:

For exterior use: this product **MUST** be top coated with 4-5 coats of a lacquer containing extra UV inhibitors to provide adequate protection and the ultimate deep gloss finish. Without sufficient protection, U.V rays will fade the paint quickly.

SPECIAL NOTES:

Always spray a test panel first to establish the ground coat colour and amount of coats required to achieve the desired effect.

It is important to know the average temperature of the substrate you wish to spray so that a paint with a suitable activation temperature can be chosen.

HEALTH & SAFETY:

Read all warnings, first aid and safety for all components before using. Keep out of reach of children and animals. Wear a properly fitting NIOSH/MSHA approved respirator. Select positive pressure supplied respirator (TC-19C or equivalent) for isocyanides. Follow the respirator manufacturer's directions for use. Protect hands with impervious rubber gloves. Wear face, skin and eye protection. CUSTOM CREATIONS Custom Finishes' products are for industrial use by professional, trained painters.