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PRODUCT INFORMATION SHEET

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HEATPROOF COATING

Description:

HiChem Heatproof Coating is a fast drying silicone based coating that exhibits excellent resistance to high temperatures.

Uses:

HiChem Heatproof Coating may be used as a decorate finish on metal products exposed to temperatures up to 500°C. It is used on barbeques, wood heaters, wood stoves, exhaust manifolds, mufflers and furnaces.

Properties:

- primer and finish coat in one.
- Air dries to serviceable surface before full cure.
- excellent heat and corrosion resistance.
- Resists continuous exposure up to 250⁰C.
- Resists short term exposure up to 500⁰C.
- Standard product is low gloss.

Suitable Substrates:

- Clean mild steel.
- Cast Iron.

Surface Preparation:

Remove contaminants such as rust, scale, dirt, weld slag or old paint with a wire brush, by sanding or by grinding. Welds should be ground back to clean white metal.

All surfaces should be cleaned and degreased thoroughly with *Prepwash*.

Thinning:

Thin with *Enamel Thinner E250* up to 30% as required.

Application:

Apply by conventional or airless spraying. May be applied by brush to small areas.

Mix the paint thoroughly before thinning. Use a flat blade to apply a film to build 25 microns.

- dust free - 15 minutes.
- touch dry - 30 minutes.
- hard dry - 24 hours.
- Full cure will not occur until film is heated to minimum 200

⁰C for approx. 30 minutes.

Cleanup: Use *Enamel Thinner E250* or *Reducer 285* general purpose thinner.

Coverage: Theoretical 15m²/L at 25 microns dry film thickness. Allow for spray loss when calculating quantities.

Standard Packages and Product Codes:

| Colour | Product Code |
|------------------|--------------|
| | Aerosol400g |
| White Matt | HP3001 |
| Black Matt | HP3002 |
| Aluminium | HP3003 |
| Cast Iron Matt | HP3004 |
| Clear Full Gloss | HP3005 |
| Red Matt | HP3007 |
| Blue Matt | HP3008 |

Contact HiChem for information on bulk product.

The information contained in this bulletin is presented in good faith based on thorough laboratory and field testing but without warranty. As we have no control over the conditions under which these products are used, it is recommended that all products be tested by the end user to ensure the suitability of the product for the particular application and conditions.