

# Technical Data Sheet

Date of compilation: 15/06/2021

## ARC HIGH TEMPERATURE SPRAY PAINT

### DESCRIPTION

High temperature paint in spray formulated to protect and decorate metallic surfaces requiring resistance to high temperatures, indoors and outdoors.

#### Properties

- Resists high temperatures
- Good hiding power
- Quick dry
- Excellent adherence
- High hardness and flexibility
- Great decorative effect
- Very easy application & easy repainted



### RECOMMENDED USES

Specially useful to paint ferric surfaces, plates of steel, conduits of warm fluids, stoves, boilers, barbecues, pipes of leak... which must resist high temperatures. Suitable for application both indoors and outdoors for industry, DIY and handcraft.

### AVAILABILITY

Colour: A104 Black

Can: 520cc/400ml

### INSTRUCTIONS

The surface to paint should be clean, dry and without any kind of pollutant. On surfaces already painted whose layer is well adhered, proceed to a light sanding to help it adheres correctly. If the paint evidences a bad adherence, eliminate it. Clean the oxide and scales of painting with a brush of wire. Eliminate stains of grease with a solvent.

Shake the can well during 1 minute after hearing the ball rattles. Spray at a distance for 25/30 cm. applying thin, quick and criss-cross layers. Let it dry between layers. After the application, the surface temperature must be raised progressively. At the end of the application, turn the can over and spray until only gas comes out.

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### TECHNICAL DATA

| Property                | Value  |
|-------------------------|--|
| Nature                  | Silicone resins  |
| Pigments                | Inorganic and metallized   |
| Solvents                | Aromatics  |
| Propellant              | DME and Hydrocarbons rich in C3 and C4.                            |
| Density                 | 0.98 ± 0.02 g/cc   |
| Viscosity               | 24 ± 2 sec. Black (Ford Cup Nr. 4, 20°C)                           |
| % solids in weight      | 26 ± 2 % (Theoretical value)                                       |
| VOC                     | 660 ± 30 g/l   |
| Gloss                   | Matt finish  |
| Yield:                  | 520cc/400ml: 2 m <sup>2</sup> according to support                 |
| Dry time at 20°C:       | Touch: 30 min / Total: 1 hour / To be repainted : After 30 minutes |
| Thickness               | 2 layers. 25-30 microns  |
| Application temperature | from 10 up to 35°C   |
| Resistance to heat      | 600°C  |
| Inflammability          | Extremely Flammable  |
| Pressure                | 4 bars at 20°C / 7-8 bars at 50°C                                  |
| Cleanliness             | Cleaning solvent in spray  |
| Life of the product     | > 3 years  |

### HEALTH AND SAFETY

The aerosol can features the correspondent security indications which must be followed. For further information please check the Security Data Sheet.

### NOTE

All products should be sold in accordance with the manufacturer's instructions. The manufacturer cannot be held responsible where conditions of use are beyond our control. Full information and advice is freely available from our Technical Services Department e-mail [technical@arcbuildingproducts.ie](mailto:technical@arcbuildingproducts.ie). Whilst any information contained herein is to the best of our knowledge true and accurate, no warranty is given or implied in connection with any recommendations or suggestions made by us, our representatives, agents, or distributors, as the conditions of use and any labour involved are beyond our control. Our warranty is therefore limited to the quality of supplied product.