

## Maintenance and Service Aids

# Technical Data Sheet

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## PAM (Aluminium) - PNM (Matt Black) High Temperature Paint

PAM and PNM are industrial grade paints, with very good thermal resistance (up to 650°C). Aluminium Grey or Matt Black in colour, they consist of a polyphenylmethylsiloxane resin base combined with high-quality pigments and extenders. These heat-resistant paints are perfectly suited to the painting of objects exposed to high temperatures, for example furnaces, car exhaust systems, engines and motorcycles, barbecues etc.

- Excellent coverage and flow properties
- Rapid drying to a very tough finish; excellent adhesion to bare metal
- Very good resistance to moisture and chemicals; good anti-corrosion characteristics
- Resistant to 650°C

### Typical Properties

Gloss:	Matt to 60° (Aluminium) 10 to 60° (Matt Black)
Coverage:	1.25 - 1.75m <sup>2</sup> (@ 20µm)
Drying Time:	10 - 15 minutes surface drying
Drying time:	30 - 60 minutes at 280°C - 320°C
Resistance to heat:	Up to 650°C

<u>Description</u>	<u>Packaging</u>	<u>Order Code</u>	<u>Shelf Life</u>
High Temperature Paint (Aluminium)	400 ml aerosol	PAM400	24 Months
High Temperature Paint (Matt Black)	400 ml aerosol	PNM400	24 Months

### Directions for Use

1. Rub off rust, dry, remove dust, degrease and lightly sand down the surface to be treated. Mask the surrounding parts that are not to be treated. To test compatibility, paint a sample panel in advance.
2. Shake the spray-can well for at least 2 minutes and at intervals during use. Spray (holding the aerosol vertical) at a distance of 25-30 cm. Applying one coat only is recommended. If further coats are necessary, better results are obtained by applying several thin coats rather than a single thick coat.
3. Wait a few minutes between application of each layer. For optimum hardening and adhesion, allow the object to dry for 1 hour at room temperature, then heat for 30-60 minutes at 280° - 320°C.
4. After use, clear the valve by spraying with the can inverted. Contains flammable material. See MSDS for further data. In the case of very hard surfaces (e.g. enamelled kilns), we recommend that an adhesion test should always be carried out in advance as occasional problems can occur on such substrates.

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