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**Product Name:** Anti-Corrosion Low Friction Coating IP7985 Range

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**Product Number:** IP7985-Range

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**Product Description:**

A temperature resistant baking epoxy finish enhanced with fluoropolymer additives to provide a wear resistant low friction coating. The choice of binder resin and additive employed in IP7985 provides excellent adhesion and protection properties for a wide range of ferrous and non-ferrous substrates. Examples of this coating find uses as diverse as Brake Calipers for high performance luxury and sports cars to drill pipe sensors for the Oil and Gas exploration industry. If an air-drying repair touch up coating is required, please refer to our IP7420 product range.



Typical parts coated

with IP7985 Top coat colours

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**Approvals/Specifications:**

**SMM 938 ITP**

May be used as equivalent to Sermalube and other similar coatings

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## Performance:

Designed to provide a firmly adherent abrasion resistant low friction coating. The recommended coating thickness range is 30-500 microns dependant upon application.

The applied and cured coating provides an excellent level of substrate protection due to its chemical resistant barrier properties.

The coating provides an easy clean non-stick coating for surfaces open to local atmospheric conditions or self lubricating properties when employed in an enclosed environment such as oil/gas drilling sensors.

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## Components:

Single Pack Product. May be thinned for application using 42000 thinner

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## Application:

### Surface Preparation:

All substrate must be clean and oil/grease free as a minimum. Light grit blasting is the preferred surface treatment. Primers from the Indestructible Paint IP985 range are also recommended where enhanced corrosion protection is required.

### Paint Preparation:

Stir well before use. Use an addition of 5-10% 42000 thinner for spray application.

### Application Method:

Designed for spray application. Touch up areas may be brushed.

### Drying Curing:

**Flash off:** 15 minutes ambient

**Pre-Cure:** 30 minutes @ 140-150°C

**Full Cure:** 60-80 minutes @ 180-190°C

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## Technical Properties:

### Supply Viscosity:

60-80 seconds ISO 5 @ 23 +/-

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2°C

<b>Flash Point:</b>	21°C ≤32°C
<b>VOC Content:</b>	550 – 590 g/l
<b>Colour:</b>	various
<b>Pack Size:</b>	1 and 5 Litre
<b>Density:</b>	1.05 – 1.15kg/l
<b>Gloss:</b>	Gloss Finish
<b>Thinner:</b>	42000 Thinner
<b>Solvent/Clean Up:</b>	40006 Gun Cleaner
<b>Catalyst:</b>	N/A
<b>Theoretical Coverage:</b>	7 – 10 sq m per litre

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## Storage:

Highly flammable liquid: store and use in accordance with the flammable liquid regulations

**Shelf Life:** 12 months temperate; 6 months tropical

**Before use, refer to Product Safety Data Sheet**

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## Disclaimer:

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## Safety Data Sheets:

For Safety Data Sheets please contact our Sales Department:

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