
Product Name:IPSLIP IP 9286 – Low Friction Coating

Product Number:

- IP9286-116 Grey (Sermalon)
- IP9286-9003 S/M Black
- IP9286 – Red
- IP9286-1161 Mouse Grey RAL 7005
- IP9286-6500 anti-corrosive primer
- IP9286-9000 High Black
- IP9286-5000 Blue
- IP9286-6002 Green
- 40024 Thinners for IP9286 Range

Please consult our Sales Department for Product Numbers and availability of other colours.

Product Description:

A fluoropolymer coating formulated to give excellent low friction and wear resistance. One coat system suitable for use in conditions of high temperature providing good abrasion resistance, flexibility and chemical resistance. Suitable for use on a wide variety of items, including automotive components, bearing surfaces and slides; saw and secateur blades and any areas where medium duty dry film lubrication is required.

Available in a range of colours except white and pastels but, including metallics. Used as dirt shed coating on brake disc callipers on a variety of high performance cars including MGF; Caterham; Morgan; Holden. Suitable alternative to Sermalon 1140; Xylan 1010.

Can be used over anti corrosive primers, for low temperatures (up to 220°C) use 700-155-003; temperatures over 220°C, either use Ipcote IP9183 or IP9286-6500 anti-corrosive non chromate primer (alt to 1083) or IP9310

Approvals/Specifications:

- Rolls Royce MSRR 9286
 - PCS 2550 (IP9286-116)
 - IP9286-6002 – Goodrich Actuation Systems 914-034-043
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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.

Components:

Single component material.

Application:

Surface Preparation:

Ensure surfaces are clean and free from dust, dirt etc. It is recommended that as a minimum the components to be coated should be solvent or alkali degreased whilst phosphating; chromating or fine shot blasting will increase performance and durability of the coating

Paint Preparation:

Thinner/Reducer Addition: Thinner – 40024 or Cleaner - 40019

Application Method:

Apply by spray, conventional or HVLP at supply viscosity. Can be thinned if required with up to 10% 40024 thinner.

Drying Curing:

Flash off: 15 minutes ambient

Pre-Cure: 15-20 minutes @ 70-80°C

Full Cure: 60 minutes @ 170°C or
30 minutes @ 220°C

Technical Properties:

Supply Viscosity: 110-130 seconds ISO 4 @ 23 +/- 2°C

Flash Point: ≥21°C; ≤32°C

VOC Content: 720 – 800 g/l

Technical Data Sheet



Colour:	various
Pack Size:	1 and 5 Litre
Density:	1.13 – 1.19kg/l
Gloss:	Gloss Finish
Thinner:	S30 Thinner
Solvent/Clean Up:	S30 Thinner
Catalyst:	N/A
Theoretical Coverage:	4 – 5 sq m per litre

Storage:

Flammable liquid; store and use in accordance with flammable liquid regulations.

Before use, refer to Product Safety Data Sheet

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Safety Data Sheets:

For Safety Data Sheets please contact our Sales Department:

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