

Product Name: 650 Range – High Temperature Marking Paints

Product Number:

Product No	Colour	RR Code	OMat No	Similar to
IP 9091	Clear Primer 66	-	7/124	-
PL 149	White	138023	7/110A	Sermetel 739
PL 150	Green	138024	7/110B & 7/169B	Sermetel 413
PL 151-R1	Blue	138025	7/110F	Sermetel 412
PL 152-R1	Black	138026	7/110C	Sermetel 409
PL 153	Grey	138027	7/110D	Sermetel 411
PL 155-R1	Orange	138028	7/110E	Sermetel 406
PL 167-R1	Red	138016	7/110G	Sermetel 407
PL 168-R1	Yellow	138128	7/84	Sermetel 1465

Product Description:

Inorganic paints suitable for marking and coating high temperature steels.

PL155R1 orange is close to Fed Stan 595 – 22510

Approvals/Specifications:

- MSRR 9041 – (Spraying)
- MSRR 9285 – Brushing grade has recently been withdrawn and any of the listed products can be brushed. Up to 10% water can be added to make the product more easily sprayable. Similar to Allied Signal spec MCS 9055K
- ITP (Spain) SMM-916

Performance:

- Resistant in some colours to 800°C fuels, oils and lubricants, including Skydrol. Recently re-formulated, these products have been made more sprayable and therefore useable. Similar to Sermetel 406 – 413 range.
- Red and orange still contain a safe cadmium pigment
- Resistant to skydrol and other aggressive chemicals, solvents and liquids.

- Standard test 100 hours at 650°C, but has been used up to 800°C. White is only specified to 450°C at which temperature it starts to turn a light grey.
- Orange and Red are now only specified to 500°C.

Components:

Single Pack Product.

Application:

Surface Preparation:

For best performance surfaces must be oil, grease and dirt free.
Abrasive blast surface to be coated

Paint Preparation:

Stir / roll / shake well before use. Ensure no pigment left on bottom of container

Application Method:

IP9091 Clear Primer 66 can be used to aid adhesion of coloured topcoat.

Apply by spray or brush (as per grade) to perfectly clean and preferably shot blasted surface.

Drying Curing:

Allow to dry, material is touch dry in 20 minutes, but should not be subjected to heat for 48 hours if being used as an air drying material. An engine run will then 'fix' the material. However, unless the material has been subjected to heat in excess of 150°C (300°F) it may wash off if subjected to weathering. Alternatively, air dry for 1 hour, then stove at 150°C (300°F) for a minimum of 30 minutes .
Apply for RPS 661/28.

Technical Properties:

Supply Viscosity:

Ready for use

Flash Point:

N/A: Water based

VOC Content:

N/A: Water based

Colour:

As listed or by negotiation

Technical Data Sheet



Pack Size:	500ml plastic containers
Density:	Refer SDS section 9
Gloss:	Semi Matt, Eggshell, but can be polished
Thinner:	Wash Duns and Brushes in water
Solvent/Clean Up:	Water
Catalyst:	N/A
Theoretical Coverage:	-

Storage:

Not flammable

Shelf Life: 12 months temperate; 6 months tropical

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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