

GENERAL FEATURES

Thermosetting powder with epoxy and polyester resins, containing special anticorrosive pigments based on zinc phosphates. The product present also a good sandability.

The product forms a level hard film with good resistance to chemical agents, fuels, oils and mechanical damage.

Containing lead-free and chrome-free pigments.

APPLICATION

The product is used for anticorrosive protection of metal structures in general.

ADVISED CYCLES

Apply mainly on sand blasted to the SA 2½-3 grade supports, like a primer (thickness 50-70 Micron) before further coating with Inverpul Polyester, Epoxypolyester or Polyurethanic powder and 2K liquid enamel like Inverplast and Inverpur.

However the surface to be coated must be cleaned from oils, grease or flash rust.

HANDLING AND STORAGE

Store at temperatures lower than 30°C; higher temperatures may damage the product by causing undesired alterations or blobs.

Storage life in original package: 18 months.

TECHNICAL DATA

| Code | Int. Method | Range | Ref. Method |
|---------|---|---------------|----------------------|
| P/CL092 | Calc.specific gravity(kg/l): | 1.460 - 1.519 | |
| P/CL120 | Non volatile content(w/w)(%) 3h at 105 °C | 100.0 - 100.0 | UNI EN ISO 3251 |
| P/CL125 | Non volatile content(v/v)(%) | 100.0 - 100.0 | |
| P/CL143 | 1µm Theor.spread.rate (m2/kg): | 658 - 685 | |
| P/CL210 | Water content (%): | 0.0 - 0.0 | |
| P/CC050 | Gloss 60° : | 15.0 - 25.0 | UNI EN ISO 2813:2001 |

WAYS OF APPLICATION

Apply the Inverpul MP primer FZ with automatic or manual guns with negative terminal (60/80KV), or with triboelectric guns.

It is advised to apply in layers with the thickness of 50-70 microns and to stove at 180°C for 15 minutes.

TECHNOLOGICAL FEATURES AND RESISTANCE TESTS

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|------------------|--------------------------------|
| The support used | Sand blasted steel Sa 2½ grade |
| Thickness | 60 microns |
| Stoving | 15 minutes at 180°C |

The hardness test was carried out on sand blasted steel Sa 2½ after overpainting with 60-80 Micron of Inverpul Polyester Extra.

| Code | Int. Method | Range | Ref. Method |
|---------|--|-----------------------------|-----------------|
| P/CM040 | Erichsen cupping test (mm): | more than 20 | UNI EN ISO 1520 |
| P/CM050 | Direct impact test (cm.Kg): | more than 5 | UNI 8901 |
| P/CM051 | Opposite impact test(cm.kg): | 00 | UNI 8901 |
| P/CM095 | Crosscut adhesion (1mm)(GT): | 00 | UNI EN ISO 2409 |
| P/CM190 | Salt fog test : | 500 hours later - no change | UNI ISO 9227 |
| P/CM230 | Resistance to humidity : (Humidity test) | less than | UNI 8744 |

NOTE TO USER

The information contained in this document while based on evidence and reliable methods can not be considered exhaustive.

This information are current to the date of issuance of this data sheet, therefore is under user's responsibility to verify that the data provided on this sheet are current to the date of the product.

The user, under its own responsibility, shall respect all the existing provisions on hygiene and safety and shall verify every time the features and the specific and appropriate way to use the product, cause the respect of the provisions is not under producer's direct control.

The manufacturer does not guarantee nor assume any liability or responsibility for whatsoever harm that might result from a misuse of the product or for damages that have arisen after the product's distribution.