

GENERAL FEATURES

Thermosetting powder with epoxy resins cured with a fit hardener, containing special anticorrosive pigments based on zinc phosphates.
 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.
 This primer powder can not be used as topcoat nor single coat system.
 It's advised not to apply this primer as first layer under wet paints.

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: 12 months.

TECHNICAL DATA

Code	Int. Method	Range	Ref. Method
P/CL092	Calc.specific gravity(kg/l):	1.382 - 1.438	
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):	695 - 724	
P/CL210	Water content (%):	0.0 - 0.0	
P/YC060	Particle size dist. >32µ(%):	40 - 44	
P/YC120	Particle size dist. >63µ(%):	80 - 84	
P/CC050	Gloss 60° :	88.0 - 100.0	UNI EN ISO 2813:2001

WAYS OF APPLICATION

Apply the Inverpul epoxy 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

The support used	Sand blasted steel Sa 2½ grade
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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 3	UNI EN ISO 1520
P/CM050	Direct impact test (cm.Kg):	more than 100	UNI 8901
P/CM051	Opposite impact test(cm.kg):	more than 100	UNI 8901
P/CM095	Crosscut adhesion (1mm)(GT):	00	UNI EN ISO 2409
P/CM190	Salt fog test :	1000 hours later - indentation along the cross of 2 - 3 mm	UNI ISO 9227
P/CM230	Resistance to humidity : (Humidity test)	500 hours later - no change	UNI 8744

Our technical data sheets represent the results of the lab tests; they do not have binding value.