



Type of product **Double-component, anticorrosive, linking primer, having excellent adhesion on fibreglass, gel coat, aluminium, iron, stainless steel, wood, cast iron, lead.**
PhilAncorante SP is an anchoring, anticorrosive primer, composed by modified, dimensional-structured, epoxy resins, with non-toxic, activated zinc phosphate based pigmentation, free from hexavalent lead and zinc salts.
PhilAncorante SP can be over-applied with any kind of intermediate primers or single-, double-component finishes (epoxy, polyurethane, alkyd, acrylic, vinyl, chlorine-caoutchouc finishes).

Fields of Application Suitable for small, medium and big tonnage boats, made of iron, cold galvanized iron, aluminium, fibreglass, stainless steel, wood. It is used for new structures or substrates requiring maintenance interventions.

Technical Characteristics

Appearance	Flat
Colour	Grey
Density	1,350 ± 0,05
Viscosity 25°C	100-130 sec. Ford 4
Volumetric dry residue%	55 ± 2%
Theoretical Spreading Rate	110 - 135 gr/sq m
Typical micron thickness wet/dry	35 / 60 micron
Mixing ratio Base/Hardener	Base = 85 Hardener = 15
Dilution	Epoxy thinner
APPLICATION METHOD	
Brush	Dilution 5 – 10 %
Ruller	Dilution 5 – 10 %
Conventional spray	Dilution 10– 20 %
Nozzle diameter	1,1 – 1,3 mm
Tank pressure	3 – 4 kg/sq m (atm)
Spray Airless	Dilution 3– 6 %
Nozzle diameter	0,4 – 0,6 mm
	Compression Report 30:1
Tank pressure	150 – 180 Pa (atm)
DRYING 25°C	
	Do not touch 1 hours
	Dry to touch 3 hours
	Dry in epth 12 - 18 hours
Operating temperature	From -25°C to +140°C
Recoating Minimum / Maximum	18 hours / 21 days
Storage stability	24 months



Standard packages

Kg 1 - kg 5 – kg 20

Note Protect from frost and direct sunlight. Do not use fire, inflammable materials nor spark producing units.

Rules of Application Preparation of surfaces

New Iron:

Thoroughly clean the surface of any trace of residual or surface oxide by pressure washing or light sanding with removal of residues. Apply one coat of PhilAnchoring SP for a thickness of 25 - 30 micron dry film.

Fiberglass surfaces

Thoroughly clean the surface from any traces of mold release residue by pressure washing with an appropriate cleaning solution. Allow the substrate to dry perfectly and check that the humidity does not exceed 5%. Apply a layer of PhilAnchoring SP for a thickness of 30 - 40 micron dry film.

New hot galvanized

Clean the surface with alkaline detergent solutions or with suitable diluents to eliminate the superficial oily presence of protection typical of these supports. If necessary, lightly abrade the surface and make sure that there are no whitish streaks (presence of zinc oxide) otherwise remove them. Apply a coat of PhilAnchoring SP with a maximum thickness of 35 - 40 micron dry film. Masonry and concrete conglomerate.

Iron

Well cleaned free of traces of oil and grease. The most suitable preparation is commercial sandblasting with grade SA 2 of the standard sis-1967 svensk scale (SSPC SP 6) if mechanical brushing according to SSPC SP 2 is also not possible. Apply one or two coats of PhilAncorante SP taking care to reach a thickness of dry film at least 60 - 80 micron, especially on sandblasted sheet to completely cover all the roughness peaks of the surfaces.

Application note: Apply the product between + 5 °C e + 50 °C, with relative humidity below 70%. Do not apply during rainy nor windy days
PhilAncorante SP, like all epoxy coatings, it suffers, if exposed to solar irradiation, the phenomenon of chalking over time. PhilAnchor SP for its high neutralization properties, to fully perform the function of anchor, must be covered no later than 15 days.

Recommended for Marine, urban, rural industrial atmospheres.

Note recommended for Continuous immersion



PhilAncorante SP



Recommended finishes

Primepox, Zincometal, Atrivil Stf , Coprex, Galaxy, Sinclad, Sinclor, Bicar, Atrialux, Finepox.

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