

Cladchlor HB-P

vinyl high build
primer

Cladchlor HB-P is a vinyl based anti-corrosive primer for direct application to suitably prepared steel or an intermediate coat over zinc rich primers or galvanising. The coating has a very high degree of impermeability and although blast cleaning must always remain the preferred method of surface preparation it will give superior performance over power or hand cleaned steel.

exterior/interior

Typical uses

- Bridges
- Chemical plants
- Cranes
- Galvanised iron
- General structural steelwork
- Marine structures
- Roofs
- Ships
- Tank farms
- Towers

Please ensure the current Data Sheet and Safety Data Sheet are consulted prior to specification or application of product. If in doubt contact .

Physical properties

Vehicle type	Vinyl chloride co-polymer
Pigmentation	Zinc phosphate/titanium dioxide/chemically resistant extenders
Solvent	Aromatic/Ester/Ketone
Colour	Blue
Dry time (minimum)	Touch dry: 2 hours at 18°C
Recoat time (minimum)	12 hours at 18°C
Primer required	Although a primer itself, can be used as a barrier coat over other primers
Theoretical coverage	4.5 sq. metres per litre at 75 microns DFT
Recommended DFT	150 microns (self-primed) 75 microns (over zinc rich primer)
Usual no. of coats	1-2 (dependent on dry film thickness)
Abrasion resistance	Excellent
Chemical resistance	Acids and alkalis - excellent
Heat resistance	50°C
Solvent resistance	Aliphatics – good; others - poor
Durability	Excellent
Thinning	Thinner No.7A
Clean up	Thinner No.12
Pack size	4 and 20 litre

Performance and limitations

Performance

1. May be applied over a wide range of temperatures -20° C to +50° C.
2. Excellent intercoat adhesion both initially and long-term.
3. Fast drying
4. Intermediate coat over galvanising or zinc rich primers.

Limitations

1. Solvent resistance – see above.
2. Not resistant to vegetable oils or animal fats.
3. Will soften at temperatures above 50°C.
4. Heavy film thicknesses require extended drying prior to overcoating with alkyds, acrylics.
5. Overcoat with acrylics, alkyds, chlorinated rubbers and vinyls (light topcoat colours to be used irrespective of topcoat type).
6. Not recommended for total immersion service.