PROTEGALAC C12 & C12(L)

DESCRIPTION

A single pack, phenolic modified alkyd primer/finish.

PRODUCT FEATURES AND RECOMMENDED USES

- Single coat anticorrosive coating, specially developed for dry cargo transport containers, ISO tank containers, anti vandal accommodation units, waste containers and other industrial steel fabrications.
- High level of anticorrosive protection in aggressive environments.
- Fast drying.
- Indefinitely overcoatable for easy repair.
- Good colour stability provided by high quality pigments.
- Eggshell finish helps disguise dents and welds.
- Tested for resistance to BS148 transformer oil for 196 hours at 90°C.

TECHNICAL DATA

Volume solids 35 ± 2% (ISO 3233) depending on colour.

Weight solids 52 ± 2% depending on colour.

Viscosity 80 – 90" BSB4 @ 25°C depending on colour.

Specific gravity 0.92 – 1.20 depending on colour.

Product code 2330 series (C12) & 2242 series (C12(L)).

Recommended film thicknesses and theoretical coverage

Recommended film thicknesses		Theoretical coverage
dry	wet	
75 µm	215 µm	4.67 m^2/l
125 µm	355 µm	2.8 m^2/l

Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated.

Drying time

DFT 75 µm		**+10°C**	**+23°C**
Dust Free		2 h	1 h
Hard Dry		8 h	3 h
Overcoating	min	Wet-on-wet – 20 mins	Wet-on-wet – 15 mins
	max	Indefinite	

Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation.

Finish Eggshell

Colours Full BS4800 and RAL shades, BS381C, BS2660, NCS & TVT colours.

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APPLICATION DETAILS

Surface preparation

Steel
For best performance, blast cleaning is recommended. Degrease steel where necessary to SSPC-SP1 solvent cleaning to remove weld flux and general contamination prior to blasting.
All sharp edges should be ground and weld spatter removed.
Blast clean to Swedish Standard SIS 05 5900 Sa 2½ or British Standard 7079 equivalent. Maximum profile 75 microns.
ProtegaLac C12 & C12(L) can also be applied to clean, dry, abraded steel.
Aluminium and Zinc coated surfaces
Non-ferrous surfaces should be degreased, abraded and etch primed prior to application of ProtegaLac C12 & C12(L). Please consult Protega Coatings for advice.

Application conditions

Only apply in conditions of good ventilation which should be maintained during drying. Do not apply when rain, mist, sleet or snow are imminent. During application and drying time of the paint coating, the surface should be dry, the Relative Humidity should not exceed 85% and the steel temperature should remain at least 3°C above the dew point.

Mixing

Must be mixed thoroughly before use. Use a mechanical agitator for mixing.

Application

Method	Airless Spray	Automatic Spray	Conventional Spray	Brush	Roller
Output Fluid Pressure	2000 p.s.i.	No	Yes*	Yes**	No
Tip Size	13 – 15 thou				

*Thinning required at approx. 10% with 1006 Thinners.
**Brush – suitable for small areas only.
Air assisted and HVLP: ProtegaLac C12 & C12(L) can also be applied by these methods. Please consult Protega Coatings for advice.
Airless spray is the preferred method of application.
Avoid exceeding the maximum dry film thickness.
A dry film thickness of 125µ is recommended over blast cleaned steel substrates.

Thinner

1006 Thinner.

Cleaning of equipment

Remove remaining paint from equipment, flush thoroughly with 1006 Thinner until solvent appears uncontaminated.

FLASH POINT

22 - 32°C.

STORAGE

Store in dry, cool conditions and protect from frost.

VOC

Volatile Organic Compound content: 549 $\pm$ 20 gm/lt, varies with colour.

HEALTH AND SAFETY

Containers are provided with safety labels, which should be observed.
Further information about hazardous influences and protection are detailed in individual health and safety data sheets.
A health and safety data sheet is available on request from Protega Coatings Ltd.

PRODUCT NOTES

Certain shades may contain lead colourants and these are labelled ProtegaLac C12(L).