

PROTEGALAC CONTAINERGARD (HS)

DESCRIPTION

A high solids, single pack, modified alkyd one coat primer/finish.

PRODUCT FEATURES AND RECOMMENDED USES

- ◆ Single coat anticorrosive coating, specially developed for dry cargo transport containers, ISO tank containers, offices, canteens, changing rooms, hygiene units, anti-vandal accommodation units, waste containers and other industrial steel fabrications.
- ◆ Excellent one coat system for Commercial Vehicle Chassis protection.
- ◆ Low VOC's to aid UK SED Compliance ($340 \pm 20\text{gm/lt}$).
- ◆ High level of anticorrosive protection in aggressive operating environments.
- ◆ Good exterior durability and fast drying.
- ◆ Early water spotting resistance.
- ◆ Tested to BS476 Part 7 (Surface Spread of Flame) - Class 1 and BS476 Part 6 (Fire Propagation) - Class 0.
- ◆ Indefinitely recoatable for easy repair.
- ◆ Sheen finish helps disguise dents and welds.
- ◆ Resistant to splashes of diesel, petrol and hydraulic fluid (see Product Notes).

TECHNICAL DATA

Volume solids	63 \pm 2% (ISO 3233)
Weight solids	76 \pm 2%
Specific gravity	1.37 – 1.41 depending on colour.
Product code	2230 series.

Recommended film thicknesses and theoretical coverage

Recommended film thicknesses		Theoretical coverage
dry	wet	
75 μm	125 μm	8.0 m ² /l
125 μm	208 μm	4.8 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		1½ h	30 mins
Hard Dry		8 h	3 h
Overcoating	min	See product notes	
	max	Indefinite	

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

Finish Satin

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. Containergard (HS) 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 Containergard (HS). Please consult Protega Paints for advice.

Existing coatings

All existing coatings must be clean and sound. Containergard (HS) has been found to be tolerant to a wide range of existing coatings including chlorinated rubber and vinyl systems, which other topcoats may cause to soften or blister. A test area is recommended to ensure compatibility prior to full coating. Longer term performance will depend on the nature and integrity of the existing system and Protega Paints cannot assure results in these cases.

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	2500 p.s.i.	No	Yes*	Yes**	No
Tip Size	15 – 17 thou				

*Thinning may be required, which will increase VOC level.

** Brushing - suitable for small areas only.

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: 340 ± 20 gm/lit, 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 Paints Ltd.

PRODUCT NOTES

Overcoating: ProtegaLac Containergard (HS) can be overcoated with itself using a wet-on-wet procedure, typical flash off time being approximately 15 minutes. Certain shades may contain lead colourants and these are labelled ProtegaLac Containergard (HS)(L).

Splash Resistance: When fully cured, resists splashes of diesel, petrol and hydraulic fluid. Splashes of brake fluid may cause some film softening and loss of gloss. Splashes should be immediately removed to prevent longer term film damage.