

TEMALAC CONTAINERGARD & CONTAINERGARD (L)

DESCRIPTION

An EPA compliant, single pack, 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 operating environments.
- ◆ Fast drying.
- ◆ Indefinitely recoatable for easy repair.
- ◆ Good colour stability provided by high quality pigments.
- ◆ Sheen finish helps disguise dents and welds.
- ◆ EPA compliant as a finish or primer/finish (PG6/23, below 420gm/ltr).

TECHNICAL DATA

Volume solids

53 ± 2%. (ISO 3233)

Weight solids

67 ± 2 %

Viscosity

2.0 – 2.5 poise Rotothinner @25°C.

Specific gravity

1.13 – 1.28 depending on colour.

Product code

2233 series & 2243 series ((L) versions).

Recommended film thicknesses and theoretical coverage

Recommended film thicknesses		Theoretical coverage
dry	wet	
75 µm	142 µm	7.07 m ² /l
125 µm	235 µm	4.24 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.

TEMALAC CONTAINERGARD & CONTAINERGARD (L)

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 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 Temalac Containergard. 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	Yes
Tip Size	15 – 17 thou				

Air-assisted airless:

Tip size – 15 – 17 thou, fluid pressure – 1200-1500psi.

*Thinning may be required, which may render the product non-compliant to EPA.

Thinner

1006 Thinner – thinning is not normally required and may render the product non compliant.

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.

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

Overcoating: Containergard can be overcoated using a wet-on-wet procedure, typical flash off time being approximately 15 minutes.

Certain shades may contain lead colourants and these are labelled Temalac Containergard (L).