

Technical Data Sheet

CapaLac Gloss

Superior Quality Lead Free Solvent Based Alkyd Gloss Enamel
For Interior And Exterior



Product Description

CapaLac Gloss is a superior quality lead-free solvent based alkyd enamel for interior and exterior use on wood, steel, metal, concrete, and rigid PVC. It provides a high gloss, decorative, protective finish with excellent opacity, superior flow, and levelling, and easy to apply.

Recommended Use

Suitable for interior and exterior on:

Cement plastered walls
Gypsum boards
Ceiling
Concrete
Plaster
Rendered fair faced brick masonry
Blocks
Wood
Steel
Rigid PVC

Physical Properties

Volume solids	43±2%
Colour	Standard as per Caparol 3D System Plus colour card*
VOC	369 g/ltr
Thinner/Cleaner	Alkyd thinner
Finish	Gloss
Packing size	1, 3.75 & 18 ltr
Shelf life	24 months

Advantages

Liquid water permeability corresponds to Class W3 as per EN 1062-1 having a value of $\leq 0.1/\text{kg}/\text{m}^2/\text{h}0.5$
Water vapour permeability corresponds to Class V3 as per EN 1062-1 having a value $\leq 15\text{g}/\text{m}^2/\text{d}$
Wet scrub resistant to Class 1 according to EN 13300
Easy to apply with superior flow and levelling
Good opacity and wash ability properties
Contrast ratio for hiding power to class 3 according to EN 13300
Provides gloss decorative and protective finish

Surface Preparation

Ensure substrate is sound, clean, and dry, free of oil, grease, dust, loose particles, laitance and powder paint etc. All loose material must be removed by stiff bristle brushing. Any damaged areas or surface irregularities should be repaired before application. It is most important that substrates are correctly prepared prior to application of paint.

Mixing Paint

CapaLac Gloss is a single component solvent based product, should be mixed properly before application. CapaLac Gloss can be diluted with alkyd thinner only.

Theoretical Spread Rate

Dry film thickness	40 - 50 μm
Theoretical coverage*	8 - 10 m^2/ltr

*Spreading rates are indicative, due allowance and wastage factor should be considered in practical application.

Drying Time

Touch dry	2 hours
Dry to over coat*	12 hours

Technical Information No. 0046 – Issue: November 2017

All suggestions and application instructions herein are based on our latest technical experience. Due to the wide variety of individual project conditions, we cannot be held responsible for their content. These instructions do not release the purchaser/applicator/consultant from his responsibility to determine the suitability of the product in consideration of the project characteristics. These instructions are to be considered void when a new edition is released. Our general conditions of sale and delivery in their latest edition apply.

Technical Data Sheet

CapaLac Gloss

Superior Quality Lead Free Solvent Based Alkyd Gloss Enamel
For Interior And Exterior



* Drying time generally related to air circulation, temperature, film thickness, no of coats and relative humidity. The given data must be considered as guidelines only. The actual drying time before recoating may be shorter or longer, depending on film thickness, ventilation, humidity, underlying paint system, requirement for early handling and mechanical strength etc. The figures given are typical with: Good ventilation (outdoor exposure or free circulation of air), typical film thickness and relative humidity 70%.

Application Conditions

Substrate temperature should be min.10°C and at least 3°C above the dew point of the air. At application below 10°C drying temperature will be significantly extended and spraying characteristics may be impaired. Paint to be applied to suitable primed surface.

Application Equipment's/Tools

Spray: Airless or conventional spray*
Brush: Recommended.
Roller: Recommended

Guiding data airless spray

Pressure at nozzle 150 - 180 bars
Nozzle tip 0.023" - 0.028"
Spray angle 25° - 65°

*The airless spray details given above are intended as a guide only, fluid hose-length, diameter, paint temperature and project complexity all influence the choice of tip and operating pressure.

Cleaning Tools

Clean tools immediately with alkyd thinner after application.

Typical Paint System

CapaLac Gloss can be used on interior and exterior surface as follows:

Standard paint systems for non mineral surfaces like rigid PVC, steel, iron, wood, etc.*	Coats
CapaLac Primer	1
CapaLac Gloss	2

Standard paint systems for mineral surfaces like concrete, plaster/render, gypsum boards *	Coats
CapaAcryl Primer	1
CapaStucco (interiors) / CapaFilex (exteriors)	2
CapaLac Gloss	2

*Above mentioned paint system is for general guide line only, can be changed as per specification requirements.

Typical Application

One uniform and generously applied coat of CapaLac Gloss thinned up to 10% with alkyd thinner, to suitably prepared substrate.

Storage and Handling

24 months when stored in warehouse conditions below 35°C in the original, unopened packs. The product must be kept in in cool, dry well ventilated space and away from source of heat and ignition. Containers must be kept tightly closed and always handle with care. Keep out of reach of children.

Health and Safety

Always ensure good ventilation during application and drying. Do not breathe vapors or spray when applying paint indoor by spray, wear proper air supplied breathing equipment's. Respiratory equipment's must be suitable for the purpose and meet appropriate standards. When applying paint, it is advisable to wear suitable eye protection, in case contact with eyes, rinse immediately with plenty of water and seek medical advice. Remove splashes from skin, use soap and water or recognized skin cleaner. Do not use or store by hanging on a hook. Do not empty contents into wadis, drains or watercourses.

Technical Information No. 0046 – Issue: November 2017

All suggestions and application instructions herein are based on our latest technical experience. Due to the wide variety of individual project conditions, we cannot be held responsible for their content. These instructions do not release the purchaser/applicator/consultant from his responsibility to determine the suitability of the product in consideration of the project characteristics. These instructions are to be considered void when a new edition is released. Our general conditions of sale and delivery in their latest edition apply.