

Product Description

CapaLac Primer is a superior quality lead-free solvent based alkyd primer, can also be used as undercoat for CapaLac Enamel system. It is applicable over wood, rigid PVC and metal substrates and exhibits excellent opacity, good flow and dries quickly. It seals the surface and promotes adhesion of the subsequent finish coats.

Recommended Use

Suitable for interior and exterior on:

Cement plastered walls

Gypsum boards

Wood

Steel

Rigid PVC

Physical Properties

Volume solids	48±2%
Colour	White
VOC	369 g/ltr
Thinner/Cleaner	Alkyd thinner
Finish	Matt
Packing size	1, 3.75 & 18 ltr
Shelf life	24 months

Advantages

Excellent adhesion properties

Good hiding

Easy to apply with superior flow and levelling

Good opacity

Surface Preparation

Ensure substrate is sound, clean, 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 Primer is a single component solvent based product, should be mixed properly before application. Can be diluted with alkyd thinner only.

Theoretical Spread Rate

Dry film thickness	30 - 40 µm
Theoretical coverage*	12 - 16 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

* 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.

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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.

Application Equipment's/Tools

Brush, paint roller or airless spraying equipment*

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 Primer can be used on interior and exterior surface as follows:

Interior surface standard typical paint systems*

Coats

CapaLac Primer	1
CapaLac Enamel (CapaLac Matt, CapaLac Semi-Gloss or CapaLac Gloss)	2

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

Typical Application

Apply one coat of CapaLac Primer, 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 breath 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 an appropriates 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.