

Product Description

CapaStructure is a superior quality acrylic co-polymer water based heavy grain texture finish decorative paint to achieve rustic and traditional effects. CapaStructure exhibits excellent ability of minimizing undulations and imperfections present in concrete and plaster. Can be top coated with Caparol water based or solvent based paints.

Recommended Use

Suitable for interior and exterior use on:

Cement plastered walls

Gypsum boards

Ceiling

Concrete

Rendered fair faced brick masonry

Physical Properties

Volume solids	68±2%
Colour	Standards per Caparol 3D System Plus colour card*white
VOC	0.59 g/ltr
Finish	Matt
Thinner/Cleaner	Potable clean water
Packing size	5 & 25 kg
Shelf life	24 months

*Product can be tinted at Caparol tinting express system, virtually any colour can be matched and made available instantly.

Advantages

Environment friendly and easy to apply

Practically odourless

Alkali resistant

High resistant to atmospheric pollution

Shock and impact resistant

Can achieve various finishes like heritage, traditional, medium texture and rustic effects finish

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

CapaStructure is a single component water based product, should be mixed properly before application. Can be diluted with potable clean water only.

Theoretical Spread Rate

Dry film thickness	400 - 500 µm
Theoretical coverage*	0.7 - 0.9 m ² /kg

*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*	8 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.

Application Equipment's/Tools

Trowel, scraper conventional or spraying equipment*

Guiding data for conventional spray equipment:

Gun Type	Hopper Gun
Spray Gun Caliber	8mm
Spray Angle	90°
Nozzle Size	3 - 6 mm (depends on texture)
Pressure	100 - 120 psi

*The 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.

Typical Paint System

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

Interior and exterior surface standard typical paint system*

	Coats
CapaAcryl Primer	1
CapaStructure	1
*CapaStructure can be top coated with Caparol water based or solvent based paint	

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

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 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.