

Product Description

Premium quality pure acrylic water based emulsion paint with stain removal properties. Outstanding interior paint with excellent adhesion and excellent wet scrub resistance which prevents stains from penetrating the paint film, making it easier to remove stains from the wall.

Recommended Use

Suitable for interior use on:

Cement plastered walls
Gypsum boards and ceilings
Concrete
Rendered fair faced brick masonry
Blocks
Fibrous cement sheets

Physical Properties

Volume solids	42±2%
Colour	Standards as per Caparol 3D System Plus colour card*
VOC	1.95 g/ltr
Thinner/Cleaner	Potable clean water
Finish	Gloss, Silk & Rich Matt
Packing size	1, 3.75 & 18 ltr
Shelf life	12 months

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

Advantages

Excellent wet adhesion properties making it suitable to apply directly to aged alkyds with minimal surface preparation
Paint with high degree of protection against UV rays
As an interior coating, it is highly washable and will remain looking clean far longer than conventional paints
Available with anti-bacterial and anti-fungal properties
Fulfils green building regulations and has very low VOC which ensures good indoor air quality
Free from harmful chemicals like APEO*, heavy metals etc.

Test Values

Wet abrasion passes 25000 cycles as per DIN 53778 Part 2
Burnish resistance tested as per ASTM D 2485-91
CO₂ protection to sd > 50m as per EN 1062-6
Highly adherent to the substrate according to EN 1504 -2
High resistance to conventional aqueous disinfectants and household cleaners tested as per ASTM D 1308
Liquid water permeability tested as per En1062-3:2008
Water vapor transmission tested as per ISO 7783-2
Chloride ion diffusion resistant tested as per ASTM C 1556
Excellent light fastness tested as per ASTM G154-12a
Crack bridging ability tested as per ASTM C 836
Antibacterial testing as per JIS Z 2801: 2000 & Antifungal testing as per ASTM D 3273-12

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

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

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Theoretical Spread Rate

Dry film thickness 40 - 50 µm
Theoretical coverage* 08 - 10 m²/ltr

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

Drying Time

Touch dry 1 hour
Dry to over coat* 4 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

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

Guiding data airless spray

Pressure at nozzle 150 - 180 bars
Nozzle tip 0.018" - 0.026"
Spray angle 50° - 80°

*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.

Typical Paint System

CleanStar can be applied on interior and exterior surfaces as follows:

Interior and exterior surface standard typical paint system*

	Coats
CapaPrime	1
CapaStucco	2
CleanStar	2

*Above mentioned paint system is for general guide line only, can be changed as per specification requirements. In case sealant tapes are use to protect the border areas to the painting area we recommend to remove them immediately after CleanStar surface dried. In case the sealant tapes can't be removed immediately, we recommend to apply a additional intermediate coat with CapaPrime on CapaStucco to avoid small visible damages on finish coat after removal of the sealant tapes.

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.

CleanStar - Z

Also available as CleanStar - Z, an organic growth inhibiting, fungus/algae resistant emulsion paint.

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