

Product Description

CapaShield is a superior quality pure acrylic water based paint for exterior surfaces with good opacity and scrub resistance. It is practically odorless and ecologically compatible.

Recommended Use

Suitable for exterior use on:

Cement plastered walls
Ceilings
Concrete
Rendered fair faced brick masonry
Blocks

Physical Properties

Volume solids	40±2%
Colour	Standard as per Caparol 3D System Plus colour card*
VOC	<1 g/ltr
Thinner/Cleaner	Potable clean water
Finish	Matt
Packing size	1, 3.75 & 18 ltr
Shelf life	24 months

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

Advantages

Contrast ratio for hiding power to Class 3
Wet abrasion to Class 2
No odour during application
Easy to apply and environment friendly
Adhesion to concrete 0.8 N/mm² as per EN1504-2

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

CapaShield is a single component water based product, should be mixed properly before application. Can be diluted with max. 10% potable clean water only.

Theoretical Spread Rate

Dry film thickness	30 - 40 µm
Theoretical coverage*	10 - 13 m ² /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.

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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

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

CapaShield can be used on exterior surface as follows:

Exterior surface standard typical paint system*

	Coats
CapaAcryl Primer	1
CapaFilex	2
CapaShield	2

*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 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.