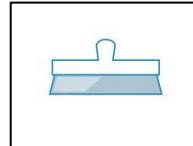
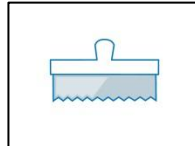
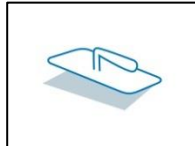
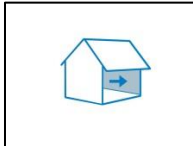


Product Description

CapaStucco is acrylic co-polymer water based filler/levelling putty for interior surface with excellent working properties for repairing of small, minor defects and unevenness in renders/plasters and concrete. **CapaStucco** is ideal for internal filling with less shrinkage and easy to apply. Suitable for use on full (seamless) surfaces, and for levelling imperfections/equalizing unevenly textured fine render/plaster coatings or concrete. Maximum coating/layer thickness per work step: 0.3 mm



Recommended Use

CapaStucco is suitable for interior use on walls and ceilings on:

- Cement plastered walls
- Gypsum boards
- Sound, matt coatings of dispersion paint
- Uncoated concrete
- Sound existing mineral coatings
- Rendered fair faced brick masonry
- Filling up open grains of hard wood, MDF and other wooden surfaces

Unsuitable are substrates showing efflorescence. It is always to be used as an undercoat only.

Definition of Application Areas

Suitability according to Caparol Technical Advice Sheet No. 0606

Interior 1	Interior 2	Interior 3	Exterior 1	Exterior 2
+	o	-	-	-
(-) inapplicable / (o) of limited suitability / (+) suitable				

Physical Properties

Volume solids	50±2%
Colour*	White
VOC	0.15 g/litres
Thinner/Cleaner	Potable clean water
Finish	Matt
Packing size	5 & 30 kg
Shelf life	12 months

Advantages

- Environment friendly with low odour
- Easy to apply
- High adhesion to the substrate and provide very good coverage
- With very good recoat ability
- Very good sanding and filling properties
- Fast drying

Technical Information No. 0051 – Issue: March 2020

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 buyer/user 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. We reserves the right to change the given data without further notice. Our general conditions of sale and delivery in their latest edition apply.

Certificates and Test Values*

Determination of Volatile Organic Compounds (VOC) as per USEPA Method 24

DCLD Product Conformity certified

ESMA ECAS GREEN LABEL 5 Star Environmental Efficiency Rating certified

Abu Dhabi Quality and Conformity Council Conformity certified

ADCE certified civil supplier

*Additional certificates and approvals may available on request or could be arranged if required.

Surface Preparation

The substrate must be even, clean, dry, solid, sound/stable, and free from all substances that may prevent adhesion. Remove unsound coatings of enamels, dispersion paints, synthetic renders/plasters and unsound mineral paint coatings. Clean sound, adherent paint coatings dry or wet. Clean surfaces with organic growth (moss, algae and mild) by high pressure water jet in compliance with the regulations. Treat the surfaces with **CapaTox** and allow drying thoroughly. Clean surfaces soiled with industrial gases or soot by high pressure water jet and suitable cleaners in compliance with the regulations. Adjust the substrate evenness of the planned, finer surface finish. If necessary, carry out additional substrate levelling measures and repairs with suitable plasters/renders. Check existing coatings for their load-bearing capacity. Remove any non-load bearing or structurally weak coatings. Any damaged areas or surface irregularities should be repaired before application. Repairs must be well set and dried out. Damp or not fully cured substrates can lead to defects in subsequent coats, such as blistering or cracks. It is most important that substrates are correctly prepared prior to application of paint.

Mixing Paint

CapaStucco is single component water based product, should be mixed properly before application. The material can be diluted with potable clean water only. Stir **CapaStucco** with a low-speed stainless steel agitator. Do not use mixers made of aluminium - danger of discolouration. Use as little water as possible to achieve application consistency. Stir well before application. If necessary adjust to working consistency with tap water up to max. 5 % or less as required achieving the desired viscosity. Diluting the material too much will make application more difficult and will result in poorer characteristics (e.g. hiding power, colour shade). It's strongly recommend to use the thinned paint in same shift and not to store for next day as there are might chances of paint losing its characteristic's, settling, formation and chances of bacterial contamination from external sources. Hence recommended to estimate paint required for the shift and mix accordingly to avoid any problems.

Film Thickness and Spreading Rate (depending on surface condition and necessary layer thickness)*

	Minimum	Typical	Maximum	
Wet film thickness	100	200	300	µm
Dry film thickness	50	100	150	µm
Theoretical spreading rate	5.6	2.8	1.9	m ² /kg

*Indicated rates are indicative per coat, due allowance and wastage factor should be considered in practical application. This indication does not take into account usage for spilling or loss on site. The figure may also vary according to substrate or application conditions. The exact rate of consumption for your particular project is best established by a trial application on site and executed by your desired applicator.

Drying Time (depending on surface condition and necessary layer thickness)*

Substrate temperature	10°C	25°C	40°C	
Touch dry	4	2	1	h
Dry to over coat	12	6	3	h
Ready for stress	96	48	24	h

*The material cures physically by evaporation of water. Drying time generally related to air circulation, temperature, film thickness, no of coats and relative humidity. The given data must be considered as guidelines per coat 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, on coat on top of inert substrate and relative humidity 70%.

Technical Information No. 0051 – Issue: March 2020

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 buyer/user 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. We reserves the right to change the given data without further notice. Our general conditions of sale and delivery in their latest edition apply.

Application Conditions

Substrate temperature should be min.5°C and at least 3°C above the dew point of the air. Suitable processing temperature should be between + 5°C to approx. 40°C for material, substrate, water and ambient air during application and curing. 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.

Do not apply during strong wind, fog, high relative humidity, and imminent rain or frost.

Do not apply or leave to dry in direct sunlight as this can lead to differences in gloss levels and even to slight cloudiness.

Application Equipment's/Tools

Manually application by trowel, scrapper and putty knife

Typical Application Procedure*

Depending on the type and condition of the substrate it is necessary to apply consolidating, absorbency-regulating prime coatings. On suitable mineral substrate it is necessary to apply an absorbency-equalizing and adhesion-promoting prime coat with **CapaPrime**.

Allow thorough drying of priming/intermediate coats before further application.

Apply the 1st coat **CapaStucco** without dilution under use of trowel, scrapper, putty knife (spatula) and smoothing trowel homogeneously to the complete surface. If necessary the material can be diluted by max. 5%. Allow to set for a short time and smooth all burrs. **CapaStucco** can be sanded in dry condition. Allow surface to fully dry for minimum 6 hours, and then repeat the 2nd coat to achieve good opacity and smoothness. Do not use thick layers or excessive layers to cover surface undulations. It is suggested to use appropriate cementations mortar like **Capatect Levelling Plaster** to rectify such defects. Sand/Abrade the surface smooth with 220 grit abrasive paper and de-dust the surface before painting.

Optimum coating thickness: 0.08 - 0.12 mm. Coating thickness per work step: up to max. 0.15 mm. **CapaStucco** may be spread out nearly to the base level.

Prime repaired areas before any further treatment according to the intended material system

Apply thoroughly a uniform layer during application and avoid overlapping that may be caused by stories of scaffolding.

To avoid lapping on large area surfaces, care should be taken to have a sufficient number of hands/craftsmen on the job and to apply the material wet-on-wet without interruption.

* For system specific application instructions please refer to detailed MS (method statement) or specification.

Typical Paint System*

CapaStucco can be used on suitable interior surfaces as follows:

Interior surface standard typical paint system

	Coats
CapaPrime	1
CapaStucco	2
Suitable Top coat e.g. CapaPlus	2
<i>CapaStucco must be top coated with suitable Caparol finish coat as required by specifications.</i>	

*Above mentioned paint system is for general guide line only, can be changed as per specification requirements. As it is impossible to list herein the wide variety of substrates and their specific problems, please request our technical assistance in case of queries. We will provide appropriate working methods.

Important Note

The characteristic values stated are average values or approx. values. We use natural raw materials in our products, which mean that the stated values can vary slightly in the same delivery batch; this does not affect the suitability of the product for its intended purpose. Being natural products, the granular materials used in the filler, may occasionally cause slight colour variation in the material. The surface smoothness profile is influenced by the chosen tool; hence always the same type of smoothing tool should be used.

Technical Information No. 0051 – Issue: March 2020

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 buyer/user 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. We reserves the right to change the given data without further notice. Our general conditions of sale and delivery in their latest edition apply.

Touching up surfaces is depending on many parameters and may be visible after drying.

Please note: It is recommended to use trained and experienced applicator to carry out texture coat works.

Colour Stability

The natural graining of the used small grains can become partially visible and appear may be as little darker grains in the filler. Those effects are due to the basic appearance of a grain filled material and attest to the natural properties of the raw materials used. This does not impair the quality and the functionality of the product.

It is not possible to give warranty for uniform white colour and freedom from stains due to chemical and/or physical curing processes and fluctuations in the weather and different substrate conditions, e.g. uneven absorption behavior of the substrate, different substrate moisture levels over the entire the surface, partially very different alkalinity/substances from the substrate, direct solar radiation with sharply delineated shadowing on the freshly applied filler.

Storage and Handling

12 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 eat, drink or smoke while using the product. 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. Materials and all related packaging must be disposed of in a safe way in accordance with the full requirements of the local authorities. Do not allow product to enter into wadis, waterways, drains, watercourses and soil. Only completely emptied containers should be given for recycling.

Material safety data sheet (MSDS) available on request.

Please also always refer to:

Caparol Technical Advice Sheet No. 0606 Definition of Application Areas

Technical Information No. 0051 – Issue: March 2020

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 buyer/user 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. We reserves the right to change the given data without further notice. Our general conditions of sale and delivery in their latest edition apply.