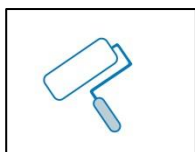
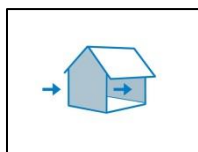


Product Description

FlexoTop Clear is a premium quality pure acrylic water based anti-carbonation glaze paint, suitable for both smooth and texture finish. FlexoTop Clear is a flexible, scrub resistant, weather proof paint with low odor as well ecologically compatible. It's for interior and exterior use.



Recommended Use

Suitable for interior and exterior use on walls and ceilings on:

- Cement plastered walls
- Gypsum boards
- Sound existing paint coatings
- Fibrous cement sheets
- Uncoated concrete
- Sound existing mineral coatings
- Rendered fair faced brick masonry

Unsuitable are substrates showing efflorescence and substrates made of plastic or wood. Not suitable for horizontal or sloping surfaces subject to weathering.

Definition of Application Areas

Suitability according to Caparol Technical Information No. 0606

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

Physical Properties

Volume solids	25±2%
Colour*	Clear / Transparent
VOC	9.26 g/l
Thinner/Cleaner	Potable clean water
Finish	Gloss & Matt
Packing size	18 l
Shelf life	24 months

Advantages

- Easy to apply
- Scrub resistant
- Weather proof
- Excellent adhesion
- Ecologically compatible
- Low odour

Technical Information No. 0028 – Issue: March 2019

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Technical Data Sheet

FlexoTop Clear

Pure Acrylic Flexible Anti-Carbonation Water Based Glaze Coat
For Interior And Exterior



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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. 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

FlexoTop Clear is single component water based product, should be mixed properly before application. It can be diluted with potable clean water only.

Film Thickness and Spreading Rate*

Dry film thickness	20 - 25 μm
Theoretical coverage*	10 - 13 m^2/l

*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*

Touch tries	2 hours
Dry to over coat*	4 hours

*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%.

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 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 roller, brush or airless spraying equipment

Typical Paint System*

FlexoTop Clear can be used on suitable interior and exterior surfaces as follows:

Interior/Exterior surface standard typical paint system	Coats
FlexoTop Clear	2 - 3

* 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.

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Caparol Paints L.L.C. - Saih Shuaib 4, Dubai Industrial Park, P.O. Box: 62182, Dubai, UAE, Tel: +971 43687600, Fax: +971 43687650 - www.caparolarabia.com

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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 materials used in the paint finishes, may occasionally cause slight colour variation in the finished coating. Use only material marked with identical batch numbers or, if utilizing material from different batches, mix the entire quantity needed in advance.

As usual for paints, FlexoTop Clear must not be applied in direct sunlight or on sun heated surfaces, during strong wind, fog or rain, high relative humidity, imminent rain or impending night frost. Apply wet-on-wet and without interruption to avoid lapping. Stir the primer thoroughly in case of airless spray application. Do not apply on horizontal surfaces exposed to rain or moisture. Do not apply on calcareous (high lime) substrates and lightweight renders/plasters.

In case of moist weather conditions (rain, dew, fog) yellowish transparent traces of additives, showing a slightly glossy shine and stickiness, may occur on the surface of compact, cool substrates or by means of delayed drying caused by the weather. The traces of additives (Emulsifier washouts) are water-soluble and will disappear under the influence of a sufficient water quantity, e.g. repeated intensive rainfalls. The quality of the dried coating will not be affected by these changes.

Statically (structural/constructional) cracks may be subject to extreme movements. Therefore a durable and invisible crack bridging treatment by paint products is impossible.

Joints in the vicinity of windows, doors and window sills must be sealed in a technically correct manner with permanently elastic sealing compound. 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 painting works.

Colour Stability

It is not possible to give warranty for uniform colour accuracy 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 coating.

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 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:

TDS No. 0606 Definition of Application Areas

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