

CIKOdeco Plast



Colored Stucco Finish Coat

Description

CIKOdeco Plast is a ready to use polymer modified, fibre reinforced, cement based, colored finish stucco formulated for high adhesion, flexibility, and unparallelled weathering and ultimate performance. CIKOdeco Plast is a highly decorative finish coat with infinite textures and application possibilities only limited by the skill and imagination of the mason. It can be applied in 2-5 mm thicknesses on a variety of substrates including fair faced concrete and grey plaster.

Properties & Advantages

- Single component system
- Easy to use
- Self-curing
- Highly flexible
- Resistant to cracking
- Does not require a key coat primer
- Breathable, allowing humidity to escape
- Superior adhesion
- Cement based: compatible with most substrate
- Applicable from 2-10mm in 2 layers
- Extremely durable
- Weather resistance
- Crack resistance
- Wide range of colour available
- Unlimited choice of finishing textures

Application Area & Uses

CIKOdeco Plast Colored Stucco Finish is suitable for use as a finishing coat on exterior and interior walls and facades ranging from residential to heavy commercial and industrial buildings. Due to its superior adhesion strength and flexibility, it can be applied over a wide variety of bases. CIKOdeco Plast is typically applied as the finish coat in a three-coat system, with grey plaster forming the levelling and base coat.

CIKOdeco Plast may also be applied directly on precast concrete surfaces.

Packaging

CIKOdeco Plast is available in 25kg moisture resistant bags.

Physical properties

Form	Powder
Colour	Wide range of colour is available upon request
Density	1650 kg/m ³ [fresh]
W/P Ratio	0.27
Compressive strength BS EN 998-1	@28 days >6 MPa
Flexural Strength EN12808	>3.5 MPa
Adhesion BS EN 998	>0.5 MPa

Coverage & Consumption

CIKOdeco Plast provides coverage of approximately 7m² per 25kg bag (at 3mm thickness).

Note: the coverage depends on the tools used for application, texture, surface irregularities and roughness.

Application instructions

Surface preparation

Clean the concrete surface to remove loose and unsound materials by water blasting or any other suitable means. Detergent scrubbing must clean presence of oil or grease. Sand or grit blasting can also be done to clean and roughen the surface. Wet the surface with ample water before application of fairing coat.

Sandblast any painted or coated surfaces to remove existing coating.

Mixing

CIKOdeco Plast is a ready to use material needing 6.5 to 7 litres of water for mixing

Dispense CIKOdeco Plast slowly into the mixing vessel and start mixing using a heavy-duty slow speed drill-paddle assembly. Mix the mortar for 3 minutes to get a homogenous, lump free mix.

Small quantities can be mixed manually with a spatula or other suitable hand mixing tools. Add the required quantity of fresh cool, clean water in one deep container, slowly add powder while mixing until the mixture is uniform and free of lumps.

Note: In hot weather application, use chilled water to extend the open time of the mixed material.

Placing

CIKOdeco Plast can be applied by hand or machine to a thickness of not less than 2mm. Apply a maximum of 5mm in a single coat application.

A steel trowel, wood float and a sponge float are used in conjunction with a small amount of clean water to produce any texture desired, anywhere from a smooth steel trowel to a Spanish finish can be attained. CIKOdeco Plast advanced formulation allows for simple fast applications without the requirement of densification. Unlike other plasters, the surface will not slag, crack, or delaminate if not floated.

Achieve the textured finish by scrapping, floating or trowelling while the plaster is still "green". A uniform approach is essential to achieve an even finish. The application of a coat of plaster should not be interrupted within a façade, the applicator must plan ahead to complete the work up to either a control joint or to a corner of a façade before halting the application for any reason. When using a plaster machine, apply the plaster in a continuous operation and then finish manually to the specified thickness. Control the texture by the air pressure, the opening of the orifice, and the distance of the nozzle from the surface.

Curing

No curing is required as CIKOdeco Plast is a self-curing material.

Sealing

Once CIKOdeco Plast has fully set, a protective coating and sealer to be applied in order to avoid staining of the render from rain runoff water or other sources and to facilitate easy cleaning.

For this purpose, the penetrating sealer CIKOrepell SS is recommended.

Precautions & Recommendations

Do not mix or apply under the following conditions:

- Application temperature must be between 5°C - 35°C.
- Rain is expected in the following 24 hours after application
- Avoid working in direct sunlight

Textures

English



Scrapped



Float



Mexican



Acoustic



Spanish



Glacier



Shelf life

CIKOdeco Plast has a shelf life of 12 months if stored in accordance with CIKO instructions.

Storage

CIKOdeco Plast should be stored under cool enclosed shaded area.

Health & Safety

Use standard dust mask to avoid inhalation of dust. Powders when wet or moist can cause burns to skin and eyes which should be protected during use. If comes in contact with skin/eyes, flush with plenty of fresh water and seek medical advice.

Refer Material Safety Data Sheet for further details.

Technical Support

For any technical support, do not hesitate to contact CIKO team at any time as CIKO offers on and off-site services to end users, specifier and contractors.

More from CIKO Middle East

A wide range of construction chemical products are manufactured by CIKO Middle East which includes:

- Concrete admixtures and additives
- Waterproofing and damp-proof coatings
- Surface treatments
- Flooring and toppings
- Grouts and anchors
- Tile adhesives and grout
- Concrete repair materials
- Adhesives and bonding agent
- Protective coating
- Joint Sealants and Moulding compounds
- Ancillaries

Legal Notice and Warranty

CIKO warrants this product to be free from manufacturing defects and to meet the technical properties stated in the current Technical Data Sheet, if used as directed within its shelf life. Satisfactory results depend not only on quality of product but also on many factors beyond our control. CIKO makes no other warranty or guarantee, express or implied, including warranties of merchantability or fitness for a particular purpose with respect to its product. The sole and exclusive remedy of purchaser for any claim concerning this product, including but not limited to, claims alleging breach of warranty, negligence, strict liability or otherwise, is the replacement of product or refund of the purchase price, at the sole option of CIKO. Any claims concerning this product must be received in writing within one (1) year from the date of shipment and any claims not presented within that period are waived by purchaser. CIKO will not be responsible for any special incidental, consequential including lost profits or punitive damages of any kind. Purchaser must determine the suitability of the products for the intended use and assumes all risks and liabilities in connection therewith. This information and all further technical advice are based on CIKO's present knowledge and experience. However, CIKO assumes no liability for providing such information and advice including the extent to which such information and advice may relate to existing third party intellectual property rights, especially patent rights, nor shall any legal relationship be created by or arise from the provision of such information and advice. CIKO reserves the right to make any changes according to technological progress or further developments. The Purchaser of the Product(s) must test the product(s) for suitability for the intended application and purpose before proceeding with a full application of the product(s). Performance of the product described herein should be verified by testing and carried out by qualified expert.

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All CIKO products are manufactured under a strict management system conforming to and in compliance with requirements of international standards of Quality, Environmental, occupational Health and Safety ISO 9001, ISO14001 and ISO45001.



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