



TECHNICAL DATA SHEET

E-PLAST

(SKIMCOAT EXTERIOR AND INTERIOR)

PRODUCT DESCRIPTION

BOTICA E-PLAST is Calcium Carbonate and port-land Cement based with special formulated for exterior and interior walls to protect the exterior surfaces. It's provide smooth, gloss, more sticky with reduced embedded carbon footprint.

STANDARD APPROVAL

Approved by ITC of Cambodia 2009.

PHYSICAL DATA

Form	Powder White *Available Gray
Density	1.75Kg/Ltr (dry mix)
Open Time 25 ⁰ C	15 to 20 mins
Pot Life 25 ⁰ C(after mixed)	1 hours
Tensile adhesion strength (14days)	Higher than 0.8N/mm ²
Compressive strength (28days)	approx 10N/mm ²
Special gravity	approx 14 (dry) & approx 1.6 (wet)
Cosistency	Homogenous paste
Filler material	Graded limestone
Size of aggregates	Max.0.6mm
Additive	Water soluble polymers to improve consistency, Workability, water,retention and adhesion
Recommended thickness	1-3 mm per coat (not > 6mm)
Consumption	approx. 1.2kg/m ² /mm thickness

RECOMMENDED USES:

- Internal and external skim coat for walls and ceilings
- Suitable for concrete, lightweight concrete, blockworks and rendered surfaces
- Pour approximately 6.5 - 7.0 Litre of water into a clean container and add a bag of 25 kg E-Plast powder slowly while stirring.
- Re-mix the mixture after 3-5 minutes of first mixing to ensure homogenous mixed is obtain before use
- Apply by steel trowel at the thickness of 1 - 3 mm add to ensure substrate is fully covered.
- For thicker applications with several layers, the layer underneath must be hardened and dry before applying the subsequent layer.

Disclaimer. All representations and recommendations set forth are given in good faith and the best of our knowledge. However due to varying conditions and applications the buyer shall conduct its own tests of this product before use. Under no circumstances will the manufacturer be liable for any loss or damages caused by incorrect usage. The sale of this product shall be on terms and conditions set forth on BOTICA's order acknowledgement

SURFACE PREPARATION

All surfaces must be sound, clean and free of dust, grease, oil, curing compound and any foreign materials which will inhibit proper bond. Concrete should have a surface texture similar to a light broom finish.

APPLICATION METHODS

Apply a thin coat of mixed E-Plast with the flat edge of the trowel to achieve good mechanical bonding with the substrate.

Comb motar with the appropriate size of notched trowel. It may be necessary to butter the back as well so that proper adhesion and support occurs.

The coverage of plaster is dependent on the condition of the concrete, but approximately is coverage 13-15m² as bag of 25kg

RECOMMENDED TYPICAL PLASTER SYSTEM

NEW SURFACE		OLD SURFACE	
Exterior	Interior	Exterior	Interior
- C-Plast/E-Plast 03 layers	- C-Plast/E-Plast 03 layers	- Crack Shield 01 Coat	- Crack Shield 01 Coat
		- C-Plast 03 layers	- C-Plast 03 layers

PACKAGING

E-PLAST : 25Kg/Bag

CONDITION DURING APPLICATION

Mixing with water and machine 2-3minutes before apply under temperature from 25°C to 35°C. The temperature should be measured in the vicinity of the substrate.

STORAGE AND SHELF LIFE

Please store with dry place and should be with temperature 20°C to 35°C, in an elevated condition.

HEALTH AND SAFETY

Please observe the precaution displayed the container from away with child, food, drinks, animals and container must be ventilated. If any immediately emergency use water and consult with doctor. Avoid skin contact and eyes should be use glove and eyes glass.

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