Kret Plaster · Clay and lime

CLAY

Clay and lime, trowelled to a soft, cloudy matt. Warm to look at and warm to the touch.

Clay is our clay plaster. It is trowelled in thin coats and closed to a soft, clouded matt that feels warm and earthy.



CLAY · KRET, BANGKOK

COVERAGE	DRY TO TOUCH	PACKAGING
1.5–2.0 kg/m² for two coats	3–5 hours	20 kg pail

AREAS OF USE

- Lobbies
- Restaurants
- Retail
- Living spaces

FEATURES

- Hand-finished, cloudy surface
- Clay and lime, no synthetic binders
- Breathable and humidity-buffering
- Warm, matt and tactile
- Low in VOCs
- Repairable by hand

TECHNICAL DATA

PRODUCT TYPE	Clay and lime decorative plaster, ready to use
COMPOSITION	Natural kaolinitic clay, slaked lime, graded silica sand and mineral pigments
COLOUR	25 Kret colours
FINISH	Matt, clouded
BUILD	About 2 mm
TOOLS	Steel trowel
AREAS OF USE	Lobbies, restaurants, retail, living spaces

SUBSTRATES	Render, blockwork or board, primed
PROTECTION	Breathable sealer in high-touch areas
COVERAGE	1.5–2.0 kg/m² for two coats
COATS	2 coats, about 1 mm each
DENSITY	1.7 ± 0.05 kg/L
PH	11–12
VOC CONTENT	< 1 g/L
REACTION TO FIRE	A2–s1, d0 (EN 13501–1)

APPLICATION CONDITIONS AND DRYING

MIXING	Up to 2% clean water if needed for workability.
WORKING TIME	Ready to use. Keep the pail closed between uses.
APPLICATION TEMPERATURE	+8 °C to +35 °C
RELATIVE HUMIDITY	Below 85%
DRY TO TOUCH	3–5 hours
RECOAT	12–24 hours
FULL CURE	21–28 days

Times given at 25 °C and 60% relative humidity. Lower temperatures and higher humidity lengthen them.

SURFACE PREPARATION

01 Substrate must be sound, dry, clean and free of dust, grease, efflorescence and loose paint.

02 Fill cracks and holes and allow repairs to cure. New render or blockwork: allow at least 28 days.

03 Plasterboard: tape and fill joints, then prime.

04 Apply Kret Primer by roller and allow to dry for at least 4 hours before the first coat.

APPLICATION

01 Stir to an even paste.

02 First coat: trowel on evenly, about 1 mm, and leave to firm up.

03 Second coat: apply in loose, overlapping strokes for the clouded finish.

04 Close lightly with a plastic or steel trowel as it begins to set. Do not over-polish.

05 In high-touch areas, apply Kret Breathable Sealer once fully dry.

AFTERCARE

- Protect fresh work from rain, direct sun, strong wind and frost for at least 48 hours.
- Mist with clean water in hot or dry conditions to slow drying and help carbonation.

CLEANING AND MAINTENANCE

- Tools in clean water straight after use.
- Wipe with a damp cloth. Small marks can be lightly re-trowelled with fresh material.

PACKAGING AND STORAGE

PACKAGING	20 kg pail
SHELF LIFE	12 months in the unopened pail
STORAGE	Store sealed, upright, between +5 °C and +35 °C, out of direct sun. Do not freeze.

HEALTH AND SAFETY

- Contains lime or cement: alkaline. Causes serious eye damage and skin irritation.
- Wear gloves, eye protection and long sleeves. Wear a dust mask when mixing powders or sanding.
- Eyes: rinse at once with plenty of clean water for at least 15 minutes and seek medical advice.
- Keep out of reach of children. Do not empty into drains. See the safety data sheet.

Important. The values on this sheet are typical results from testing at 23 °C and 50% relative humidity. Site conditions, substrates and application affect the result, so final values are confirmed per project on the approved sample. Always trowel a sample panel on site before work begins. This issue supersedes all previous issues. **Kret Co., Ltd.** · Bangkok, Thailand · hello@kret.co.th