Kret Concrete · Board-formed

BOARD-FORMED

Raw concrete with the grain of timber shuttering, without pouring a wall.

Board-formed has the grain of real timber boards pressed into a thin mineral coat. It gives you the honesty of cast in-situ concrete on an existing wall, with none of the weight and none of the formwork.



BOARD-FORMED · KRET, BANGKOK

COVERAGE	DRY TO TOUCH	PACKAGING
4–6 kg/m² at 3–5 mm	2–4 hours	20 kg bag + 5 L resin

AREAS OF USE

- Interior walls
- Columns
- Soffits

FEATURES

- Real timber grain impression
- Applied over existing walls
- A fraction of the weight of concrete
- Board width set per project
- Hard-wearing
- No formwork, no pour

TECHNICAL DATA

PRODUCT TYPE	Cementitious decorative overlay with an architectural concrete finish
COMPOSITION	Portland cement, graded quartz, redispersible polymer, mineral oxide pigments
COLOUR	10 natural concrete tones and 25 Kret colours
RANGE	Concrete
BUILD	3–5 mm
BOARDS	Width and grain set per project

AREAS OF USE	Interior walls, columns, soffits
PROTECTION	Matt sealer
COVERAGE	4–6 kg/m² at 3–5 mm
COATS	2 coats, 3–5 mm total
DENSITY	1.9 kg/L (mixed)
PH	11–12
VOC CONTENT	< 30 g/L (sealer)
REACTION TO FIRE	A2–s1, d0 (EN 13501–1)

APPLICATION CONDITIONS AND DRYING

MIXING	Mix only with the matching Kret resin.
WORKING TIME	45–60 minutes at 25 °C
APPLICATION TEMPERATURE	+10 °C to +30 °C
RELATIVE HUMIDITY	Below 80%
DRY TO TOUCH	2–4 hours
RECOAT	4–6 hours
FULL CURE	7 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 and free of dust and paint.

02 Set out the panel grid or board widths on the wall to the approved drawing.

03 Apply Kret Micro Primer and allow 4 hours.

APPLICATION

01 Mix powder and resin for 3 minutes with a slow paddle.

02 Apply the first coat to 2–3 mm and let it firm.

03 Apply the second coat and form the texture: board grain or panel joints and tie holes.

04 Cloud and close the surface by trowel. Seal with two coats of Kret Matt Sealer when dry.

AFTERCARE

- Protect from knocks for 7 days.

CLEANING AND MAINTENANCE

- Tools in water before the mix sets.
- Clean with pH-neutral soap and a soft cloth.

PACKAGING AND STORAGE

PACKAGING	20 kg bag + 5 L resin
SHELF LIFE	12 months, dry and unopened
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