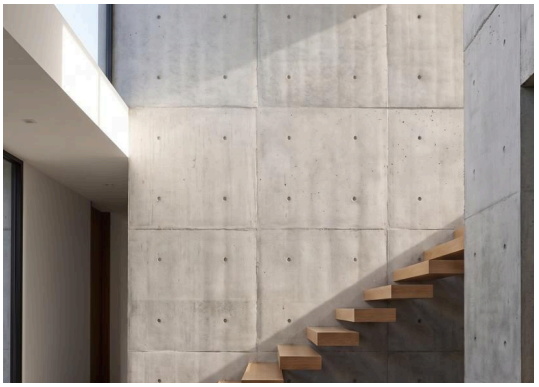
Kret Concrete · Cast Panels

CAST PANELS

The look of precast concrete panels, with crisp joints and tie holes, trowelled onto the wall.

Cast Panels gives a wall the calm grid of architectural precast: smooth, slightly clouded concrete panels with sharp joints and the round tie holes left by formwork. It is trowelled in place, so it goes over plasterboard or block with no structure behind it.



CAST PANELS · 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
- Cores
- Columns

FEATURES

- Panel grid set out to your drawings
- Crisp joints and optional tie holes
- Applied over existing walls
- A fraction of the weight of precast
- No crane, no fixings
- Hard-wearing

TECHNICAL DATA

PRODUCT TYPE	Cementitious decorative overlay with an architectural concrete finish
COMPOSITION	Portland cement, graded quartz, redispersible polymer, mineral oxide pigments
COLOUR	13 photographed colours, or any of the 75 Kret colours
RANGE	Concrete
BUILD	3–5 mm
PANELS	Size and joints set per project

TIE HOLES	Optional, layout to drawing
AREAS OF USE	Interior walls, cores, columns
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