

# CIKOCoping Stone

Smart Chemical Solutions



## Dry Ready Mix Cement Based Grout for Pre-Casted Coping Stones

### Description

CIKOCoping Stone is a pre-blended mix containing cementitious materials, graded aggregates and polymer additives for improved workability. It is particularly designed to cast different shapes of coping stones used in swimming pools, fences, walls etc.

### Properties

- Requires only addition of water on site
- Quality controlled
- Consistent performance
- Increased productivity
- No admixtures required
- Can be over coated and sealed

### Physical properties

Composition	Cement,graded sand,additives
Appearance	Powder
W/P ratio	0.14-0.15
Wet Density	2.3 ± 0.05 kg/L
Colour	Custom colours
Maximum Applicable Thickness	70 mm
Pot life @ 25°C	Approx. 20 minutes
Consistency	Pourable
Compressive Strength ASTM C109	>28 N/mm <sup>2</sup> @ 7 days >35 N/mm <sup>2</sup> @ 28 days

### Yield

A 13 kg bag mixed with the allowable water ratio limit will yield to 6 to 6.5 Liters of fresh mortar.

### Application instructions

#### Mixing

CIKOCoping Stone is a ready to use material and only addition of 1.8 to 2 litres of chilled water is required for mixing each 13 kg bag of material. Dispense CIKOCoping Stone slowly into the mixing vessel containing measured water and start mixing using a heavy duty slow speed drill- paddle assembly. Mix the grout for 3 to 5 minutes to get a homogenous and lump free mixture. Allow to rest for 1 or 2 minutes before pouring.

#### Surface preparation of the mould

The surface must be cleaned free from loosely adhering materials from previous casting. Acceptable surface shall be free of dust, efflorescence, oil, grease, contamination or presence of extraneous materials. Apply CIKOlease with minimum quantity using a brush or sponge on the Silicone or steel mould to ease the de-moulding.

#### Placing

Pour the mixed material immediately from one side or corner of the mould to avoid air voids. Maintain a minimum of 10 cm pouring head.

#### Curing

Copping stone does not require any curing as per standard curing practices. Use white polyethylene sheet to cover.

#### De-moulding

De-mould the casted material after 24 to 48 hours and keep it safe for 14 days to cure properly before put in service.

#### Packaging

CIKOCoping Stone is available in 13 Kg moisture resistant bags.

#### Storage

CIKOCoping Stone shall be stored in dry condition, away from humidity, protected from extreme temperatures and direct sunlight. Ideal storage temperature is between +5°C and +35°C.

### **Health & safety**

Use standard dust mask to avoid inhalation of dust. Powder 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.

### **Shelf life**

CIKOCoping Stone has a shelf life of 12 months if stored in accordance with CIKO storage instructions.

### **Technical Support**

For further 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*

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Note: The information presented herein based on the best of our knowledge and expertise for which every effort is made to ensure its reliability. Although all the products are subjected to rigid quality tests and are guaranteed against defective materials and manufacture, no specific guarantee can be extended because results depend not only on quality but also on other factors beyond our control



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