Light-Blue Crocodile
Tile Adhesive

CROCODILE
Innovation for Your Family's Happiness
TILING INNOVATION

Enhanced performance of durability and bonding strength

Light-Blue Crocodile composed of Portland cement, special sand and polymer additives. Light-Blue Crocodile produces an excellent bond on ceramic tiles for interior floor and wall installation.



Product features

- Great for ceramic tile installation with a maximum size of 60x60 cm.
- Well applied both residential and commercial projects.
- Suitable for interior use on floors and walls.

Color : Grey

Installation

Preparation

All surfaces on which tile is to be set must be dry, structurally sound, free of all grease, oil, dirt, dust, curing compounds, sealers, coating, efflorescence, old adhesive residues, gypsum based underlayment and any other foreign matter.

Proportion of Mixing

Light-Blue Crocodile Tile Adhesive 20 kg (per bag) per 5.2-5.4 L of water or 2.5-3.0 parts of Light-Blue Crocodile Tile Adhesive per 1 part water by volume.

Mixing

- Mix Tile Adhesive with clean, potable water thoroughly until smooth with a mechanical mixer at a low speed (≤150 rpm).
- Let mortar slakes for 15 minutes before mixing a second time.
- Do not add water, latex, or additional powder after slaking period.

Curing and Grouting

- A minimum cure is obtained in 24-48 hours, depending on ambient temperatures.
- For better quality, Crocodile Grout should be chosen to suit each type of tiles. Crocodile Grout has many types and color for each joints and places

Application

1. Spread mortar with flat side of trowel to key-in substrate, and then apply additional mortar to ensure that it cover 100% at the back of tile.
2. During the setting of tiles, it is advised to occasionally remove a tile to be sure mortar has not skinned over and sufficient transfer is being made.
3. It is also required that tile be embedded to obtain good transfer of mortar to the tile and for proper alignment.
4. Do not adjust tiles in mortar after they have been set for longer than 15 minutes.

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Technical Data

Test	Evaluation
Setting time	
Initial set	6.3 hr
Final set	11 hr
Open time	
Temperature at 22.8°C	> 65 min
Temperature at 43.3°C	> 35 min
Adjustment time	
Temperature at 22.8°C	35 min
Temperature at 43.3°C	15 min
Bucket life	
Temperature at 21°C	2 hr
Compressive strength (ASTM C-109)	> 185 ksc (18.14 MPa)
Shear bone at 28 days	
Glazed wall tile	> 290 psi (2.07 N/mm2)
Impervious mosaic	> 160 psi (1.14 N/mm2)
Quarry tile	> 290 psi (1.38 N/mm2)
Slake time	15 min
Usage rate per bag (20 kg) for each size of trowel	Approximate area
3x3 mm. 	7-8 sq.m
6x6 mm. 	5-6 sq.m
10x10 mm. 	2-3 sq.m

Above evaluations are from test room, actual installation might provide the different results according to the condition of workplaces.

Suggestion

Grouting after tile installation at least 48 hours to achieve maximum efficiency.

Limitations

Do not use tile adhesive with wood, asphalt, plastic coat or PVC, metal and mirror. (Do not allow frost within 72 hours)

Caution

- May be harmful to the eyes, skin, or lungs. Wear suitable protective clothing, gloves, and eye/face protection
- In case of contact with eyes, rinse immediately with water and seek medical advice.
- After contact with skin, wash immediately with water
- Keep out of reach of children

Storage

It should be kept in a dry place and the temperature is not too high to avoid product's degradation. Age of product is 1 year.

Packing

Packed in a film bag with a plastic layer to avoid moisture.
Net Weight : 20 kg

U.S.A. Standard from the Crocodile Family