Green Crocodile
Tile Adhesive

CROCODILE
Innovation for Your Family's Happiness
TILING INNOVATION

Triple (3X) bonding strength

Green Crocodile composed of Portland cement, special sand and polymer additives. Green Crocodile produces an excellent bond for interior and exterior, floor and wall installations.

Product features

- Great for ceramic tile installation with a maximum size of 60x60 cm.
- Triple (3X) durability and bonding strength.
- Suitable for interior and exterior use on floors and walls.

USA Standard : ANSI A 118.1
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

Green Crocodile Tile Adhesive 20 kg (per bag) per 5.4-5.6 L of water or 2.5-2.8 parts of Green 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	ANSI A 118.1
Setting time		
Initial set	6.3 hr	> 6 hr
Final set	11 hr	> 9 hr < 15 hr
Tensile strength		
Open time at 20 min with 28 days	78 psi	≥ 75 psi (0.5 N/mm^2)
Slake time	15 min	
Bucket life		
Temperature at 21°C	2 hr	-
Sag (Optional-non-sagging mortars only)	0.00 in	≤ 0.02 in (0.5 mm)
Shear bonds		
Glazed wall tile		
at 7 Days	> 200 psi	> 200 psi (1.38 N/mm^2)
at 7 days with water immersion	> 180 psi	> 150 psi (1.03 N/mm^2)
Mosaic tile		
at 1 day	> 100 psi	> 50 psi (0.34 N/mm^2)
at 7 days	> 170 psi	> 150 psi (1.03 N/mm^2)
at 7 days with water immersion	> 130 psi	> 100 psi (0.69 N/mm^2)

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