

# Red Crocodile Tile Adhesive



**CROCODILE**  
Innovation for Your Family's Happiness

TILING INNOVATION

## Excellent for porcelain tile installation or swimming pool use

Red Crocodile composed of Portland cement, special sand and polymer additives. Red Crocodile produces an excellent bond with greater coverage than conventional dry-set mortars for the installation of large size of ceramic tile, granite and marble.

### Product features

- Excellent for tile installation of porcelain with a size of 60x60 cm or larger.
- Great formulated for tilling swimming pool (Ceramic tile).
- Suitable for interior and exterior use on floors and walls.

USA Standard : ANSI A 118.1

Color : White, 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

Red Crocodile Tile Adhesive 20 kg (per bag) per 5.4-5.6 L of water or 2.5-3.0 parts of Red 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 ( $\leq 150$  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.




# Red Crocodile Tile Adhesive



**CROCODILE**  
Innovation for Your Family's Happiness

TILING INNOVATION

## Technical Data

Test	Evaluation	ANSI A 118.1
<b>Setting time</b>		
Initial set	7.6 hr	> 6 hr
Final set	14 hr	> 9 hr < 15 hr
<b>Tensile strength</b>		
Open time at 20 mins with 28 days	81 psi	81 psi
<b>Slake time</b>	15 min	15 min
<b>Bucket life</b>		
Temperature at 21°C	4 hr	4 hr
<b>Sag (Optional-non-sagging mortars only)</b>	0.01 in	0.01 in
<b>Shear bone</b>		
Glazed wall tile		
at 7 days	> 220 psi	> 220 psi
at 7 days with water immersion	> 280 psi	> 280 psi
Mosaic tile		
at 1 day	> 100 psi	> 100 psi
at 7 days	> 200 psi	> 200 psi
at 7 days with water immersion	> 110 psi	> 110 psi
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, 25 kg