Silver Crocodile
Medium Bed Tile Adhesive

CROCODILE
Innovation for Your Family's Happiness
TILING INNOVATION

Perfect formulated for large porcelain tile installation especially applied on walls



Silver Crocodile composed of Portland cement, sand, special chemical additives, and a latex powder for increasing adhesive strength. It is used as a bond coat for setting larger size of porcelain, marble, natural granite, and other larger ceramic tiles, over a variety of substrates for interior, exterior both wall and floor.

Product features

- High quality with quadruple (4X) durability and bonding strength.
- Perfect for tile installation of large porcelain.
- Can be bonded the large tiles on walls without support needed. (Height is not over 3 meters)
- 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

Silver Crocodile Tile Adhesive 20 kgs (per bag) per 5.4-5.6 L of water or 2.5-3.0 parts of Silver 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	90 psi	≥ 75 psi (0.5 N/mm^2)
Slake time	15 min	
Bucket life		
Temperature at 21°C	5 hr	-
Sag (Optional-non-sagging mortars only)	0.01 in	≤ 0.02 in (0.5 mm)
Shear bonds		
Glazed wall tile		
at 7 Days	> 300 psi	> 200 psi (1.38 N/mm^2)
at 7 days with water immersion	> 200 psi	> 150 psi (1.03 N/mm^2)
Mosaic tile		
at 1 day	> 80 psi	> 50 psi (0.34 N/mm^2)
at 7 days	> 280 psi	> 150 psi (1.03 N/mm^2)
at 7 days with water immersion	> 100 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