



Crocodile Platinum

Fast Setting High Performance Cement Grout (Sanded)



For swimming pool, spa, and sauna

Crocodile Platinum is the grout that uses WCAC Technology with a special sand recipe for reducing efflorescence. This product is dustless, high resistant, and reduces stains with hydrophobic technology. Because of this, it is perfect for pools, spas, saunas, or any area that requires high resistance and can be applied to any outdoor area. This product is completely safe for users.

Product features

- Resistant to water pressure, temperature, excellent bond strength.
- Fast setting, ready to fill water after applied 24 hours.
- Minimized efflorescence with WCAC Technology.
- Anti-black mold and algae with Microban.
- Joint width 2-15 mm

USA Standard : ANSI A118.6 (Sanded), A118.7 (Sanded)

Color : 9 colors

Installation

Joint width should be between 2-15 mm and depth should not be less than 2/3 of tile thickness. Recommend applying tile grout 48 hours after tile installation.

Preparation

Clean and remove any dirt or contamination remaining in the joints. Make sure the joints are clean and dry before grouting.

Proportion of Mixing

Crocodile Platinum 1 kg (per bag) per 0.23 L of water.

Crocodile Platinum 4 parts per 1 part of water by volume.

Mixing

- Add the grout into the water and mix well by hand or low speed drill.
- Do not add water or grout after this point.
- Discard grout when too stiff to work, about 20 minutes.



Application

1. Fill the joints with well mixed grout, then using a rubber face trowel diagonally across the grout joints.
2. Remove all excess grout with the trowel and leave until curing. Clean tile surfaces with wet sponge and clean cloth.

Curing

Care should be taken within 24 hours to prevent the grout from drying out or dirt by covering the installation with natural kraft paper (Plastic or newspaper sheet should not be used).

Final Clean-Up

- If necessary, use diluted acid or Crocodile Grout Cleaner. Test in an inconspicuous place first.
- Any glossy coating or special scrubbing should be applied after the grout has completely cured in 30 days. Test in an inconspicuous place first.

Swimming Pool Water Chemical Balance

- The ideal range for water pH in the swimming pool is 7.2–7.8 (base: pH > 7, acid: pH < 7). If the water has a pH lower than 7, this can cause cement grout and tile adhesive to corrode.
- The sulfate value should be less than 250 ppm because this could cause cement grout and tile adhesive to corrode.
- Generally, the chlorine value is in the range of 1.0–2.0 ppm. in the swimming pool for the purpose of anti-bacteria and fungi. However, this amount of chlorine cannot cause grout corrosion. The grout corrosion will occur if the chlorine value is too high and is severely unsafe for swimmers.
- The calcium hardness value should be controlled at around 200–250 ppm. In cases of lower calcium hardness, the fluid will remove calcium from the grout, leading to grout corrosion.

* The product must be used according to the instructions in the technical data sheet.

Coverage ratio per 1 kilogram (1 bag)

Size of Tiles (in/cm)	Tile Thickness (mm)	Joint width (mm)	Approximate area (sq.m)
1"x1" / 2.5x2.5	4	3	0.9
2"x2" / 5x5	6	3	1.2
		5	0.7
4"x4" / 10x10 (General tile)	6	3	2.5
		5	1.5
		7	1.1
4"x4" / 10x10 (Cray tile)	10	3	1.5
		5	0.9
		7	0.6

Size of Tiles (in/cm)	Tile Thickness (mm)	Joint width (mm)	Approximate area (sq.m)
8"x8" / 20x20	6	3	5.1
		5	3.1
		7	2.2
12"x12" / 30x30	6	3	7.7
		5	4.6
		7	3.3



Information

Density	1.18 g/cm ³
Pot life at 23 ± 2 °C	20 minutes
Initial setting time	25 minutes
Final setting time	35 minutes
Waiting time aftering before grouting, keep cement dry at least	48 hours
Time before traffic	24 hours
Joint width	2-15 mm

Remark : Test results obtained from laboratories under controlled conditions may result in testing results that differ from the actual site conditions due to many factors such as temperature, environment, equipment and other.

Technical Data

USA Standard

Test Method by USA Standard (American National Standard Institute)	ANSI A118.7	Standard Requirements A118.7 (Sanded)	Result
Linear shrinkage			
1 day	Part 3.3	< 0.10%	< 0.10%
7 days		< 0.20%	< 0.15%
Water absorption			
50% RH to immersion	Part 3.4	< 5 %	< 1.5 %
Compressive strength			
28 days	Part 3.5	> 3000 psi (20.7 N/mm ²)	> 6850 psi (47.2 N/mm ²)

Remark : 1 MPa = 1 N/mm² = 10.197 ksc = 145.038 psi

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

- Lasts up to one year if kept dry and away from heat, in a sealed bag.
- Use within 1 year from the date of manufacturing.



Packing

Net weight : 1 kg / Bag

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