



Crocodile Turbo Plus

Fast Setting, High Performance Cement Grout (Unsanded)



For porcelain tile and natural stone

Crocodile Turbo Plus is a very fine grout with high fluidity, but it is highly compression-resistant, anti-black mold, and reduces efflorescence. This product is perfect for very narrow joint and can be applied to porcelain tiles, marble, granite. It has high adhesion and scratch resistance and can be used in any area, indoors or outdoors, that requires high resistance, such as swimming pools, parking lots, saunas, bathroom, washing area, etc.

Product features

- Great ability to flow deeply and bond in narrow joint (between 0.2-5 mm).
- Fast setting, area is ready to use in 6 hours after applied.
- Chemical and acid resistance.
- Anti-black mold with Microban.
- Water repellent with Hydrophobic agent added.
- Preventing efflorescence with WCAC Technology.

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

Color : 8 colors

Installation

Joint width should be between 0.2-5 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

Floor

Joint width 0.2-1 mm : Mix 0.5 kg of grout powder with 0.165 L of clean water, or 3 parts grout to 1 part water by volume.

Joint width 2-5 mm : Mix 0.5 kg of grout powder with 0.15 L of clean water, or 3.5 parts grout to 1 part water by volume.

Wall

Joint width 0.2-1 mm : Mix 0.5 kg of grout powder with 0.15 L of clean water, or 3.5 parts grout to 1 part water by volume.

Joint width 2-5 mm : Mix 0.5 kg of grout powder with 0.14 L of clean water, or 3.8 parts grout to 1 part water by volume.

Mixing

- Add the grout into water and mix with low speed drill.
- Recommend to use within 20 minutes (pot life)
- Discard grout when too stiff to work, do not add more water to prolong usage.

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 6 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

2 days after grouting the area should be cleaned to remove any remaining grout from the tile surface. Soaking soap and warm water into the floor and leaving for a while before wiping. It is not recommended to use acids as they cause grout peeling or color alteration

- 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.

**Coverage ratio per 1 bag (0.5 kilogram)**

Size of Tiles (in/cm)	Joint width (mm)	Approximate area (sq.m)
16"x16" / 40x40	0.2	54
	0.5	21
	1	11
	2	5
	3	4
16"x24" / 40x60	0.2	64
	0.5	26
	1	13
	2	6
	3	4

Remark : Average tile thickness 10 mm

Size of Tiles (in/cm)	Joint width (mm)	Approximate area (sq.m)
24"x24" / 60x60	0.2	80
	0.5	32
	1	16
	2	8
	3	5
32"x32" / 80x80	0.2	107
	0.5	43
	1	21
	2	11
	3	7
39.5"x39.5" / 100x100	0.2	134
	0.5	54

Information

Density	1 g/cm ³
Slake time	2 minutes
Pot life at 23 ± 2 °C	20 minutes
Initial setting time	15 minutes
Final setting time	1 hour
Time before traffic	6 hours
Joint width	0.2-5 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 (Unsanded)	Result
Linear shrinkage			
1 day	Part 3.3	< 0.10%	< 0.04%
7 days		< 0.20%	< 0.15%
Water absorption			
50% RH to immersion	Part 3.4	< 5 %	< 3 %
Compressive strength			
28 days	Part 3.5	> 3000 psi (20.7 N/mm ²)	> 3500 psi (24.1 N/mm ²)

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

Caution

- Not recommended to use in the area exposed to acid all the time.
- 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 : 0.5 kg / bag

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