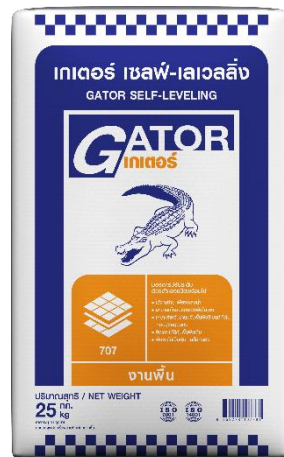




Gator Self-Leveling

Thin Layer Self Leveling Mortar



Ready-mixed mortar for floor surface levelling

Gator Self-Leveling is a ready-mixed mortar for floor surface levelling which provides a smooth finish. It provides high bonding strength. Not leave dust on the surface after application. It can be applied to 3-10 mm. For use prior to the application of floor coverings.

Product Features

- Easy to use, just add water
- Self-smoothing
- For use prior to the application of floor covering
- Provides high bonding strength to the substrate
- No dust left and non-shrink

Application Area

Suitable for a wide range of floor preparation applications on cement surfaces, including carpet, laminate, parquet, vinyl, and ceramic tile installations

Color: Grey

This product can contribute to achieving higher scores in LEED, WELL, and TREES green building certifications



Application Instruction

Substrate Preparation

- The substrate must be cleaned. Free from loose particles. Dirt, dust, any oils, other impurities, or foreign materials must be removed.
- Dilute Gator Self-Leveling Primer with water 1:1 by ratio. Apply 1 coat. Allow it to dry for 3 hours but not over 24 hours.
- In case high absorption substrate, recommend applying 2 coats of Gator Self-Leveling Primer. Allow it to dry for 3 hours between coats.

Mixing Ratio

Mix Gator Self-Leveling 25 kg with water 5.5-6 liters

Mixing

- Add the Gator Self-Leveling while mixing with a paddle mixer attached to a heavy-duty drill (650 rpm). Mix completely for a minimum of 2-3 minutes until lump free.
- Let mortar slake for 15 minutes before mixing a second time. Do not add water or powder after slaking period.

Application

Gator Self-Leveling will level itself for 20 minutes no troweling needed.

Curing

Gator Self-Leveling is capable of self-curing without the need for additional curing agents.

- For a thickness of 2-4 mm, allow 24 hours for drying.
- For a thickness of 5-7 mm, allow 48 hours for drying.
- For a thickness of 8-10 mm, allow 72 hours for drying.

Estimated Coverage

Thickness	Coverage
3 mm	5 kg / sq.m*
6 mm	10 kg / sq.m*

* It depends on the type and condition of the substrate.

Tools

Trowel, Paddle mixer

How to Clean the Tools

Clean tools after use with clean water.



Technical Data

Test Method	Standard Method	Standard Value	Evaluation
Bulk density	In house	1.35-1.50 g/cm ³	1.40 g/cm ³
Slake time	In house	15 min	15 min
Pot life	In house	>2 hr	3 hr
Setting time			
Initial set (>25 mm)	ASTM C191	-	5 hr 47 min
Final set (>40 mm)		-	6 hr 14 min
Flexural strength			
3 days		-	1.810 N/mm ²
7 days	ASTM C1708	-	4.070 N/mm ²
14 days		-	5.930 N/mm ²
28 days		> 3.50 N/mm ²	6.820 N/mm ²
Compressive strength			
1 day		-	6.590 N/mm ²
3 days	ASTM C1708	-	13.760 N/mm ²
7 days		-	20.260 N/mm ²
28 days		> 10 N/mm ²	22.600 N/mm ²
Bonding Strength 28 days	ASTM C1583	≥ 0.50 N/mm ²	1.190 N/mm ²
Linear Shrinkage 28 days	ASTM C1708	≤ 0.15 %	0.035 %
Initial Flow (24% water)		125-150 mm	129.9 mm
Flow Retention 20 min	ASTM C1708	125-150 mm	129 mm



Precautions

- For interior use only.
- Do not install below 4°C or above 38°C
- Do not install gypsum-based surfaces.
- Do not over water or add additional additives.
- Apply upon floor covering manufacturer for directions concerning maximum allowable moisture content of subfloor, adhesives selection, etc.

Caution

- Cement may cause injury to skin or eyes. Use of rubber gloves, dust masks, eye protection, and other safety equipment recommended.
- If contact with eyes occurs, flush immediately and repeatedly with water, and then contact doctor immediately.
- Avoid contact with skin. Wash thoroughly after handling.
- Keep out of reach of children.

Storage

- It should be kept in a dry place, and the temperature is not too high.
- Shelf life for 1 year since manufactured date.

Packing

Net weight: 25 kg/ bag

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