



Frequently Asked Questions

Hybrid Grout Mixing Instructions

Mortar Mixer

Mix Five Star® Hybrid Grout thoroughly for 4-5 minutes to a uniform consistency with a mortar mixer (stationary barrel mixer with moving blades). Due to the nature of this material, an electric mortar mixer is not recommended. Gas, diesel, or hydraulic mortar mixers are recommended.

For optimum performance, maintain grout before and during placement at temperatures between 60°F and 90°F (16°C and 32°C). Use heated or chilled water to help adjust working time.

Start by adding 6.9 lbs. (3.3 quarts/3.13 L) per bag of potable water to mixer. Add Five Star Hybrid Grout SLOWLY while mixing and mix for 2 minutes. Be careful not to overwhelm the mixer and allow the material to be too dry.

Add additional water as needed up to a maximum of 0.60 lbs. (0.29 quarts / 0.27 L) per bag for a maximum total of 7.5 lbs. (3.6 quarts/3.4 L) per bag and continue to mix for 2-3 minutes to achieve maximum flow.

- Working time is approximately 30 minutes at 70°F (21°C); do not mix more grout than can be placed within that time.
- Follow printed instructions on the package.
- Always add mixing water to the mixer first, followed by grout.

Single Bag Mixing

1. For single bag mixes, a heavy-duty power drill, shear mixing paddle and 7-gallon pail must be used.
2. Start by adding 6.9 lbs. of water (3.3 quarts/3.13 L) to the pail.
3. Add Grout SLOWLY being careful not to overwhelm the drill.
4. Mix for 2 minutes until all material is fully wet and incorporated.
5. Add additional water as needed up to a maximum of 0.60 lbs. (0.29 quarts / 0.27 L) per bag for a max total of 7.5 lbs. (3.6 quarts/3.4 L) and continue to mix for 2-3 minutes.



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