

PYRAFIX LIQUID GROUT

PYRAFIX LIQUID GROUT TDS

DESCRIPTION

Pyrafix Liquid Grout mixes with the dust created while grinding concrete floors to create a super-durable matrix that automatically fills pinholes, small air voids and pop-outs, micro-cracks and other gaps in the concrete surface during grinding. **Pyrafix Liquid Grout** creates a monolithic surface that polishes faster, easier and more effectively. With gaps and imperfections filled, the floors accept hardener/densifiers, protective treatments and color-stains and hardeners more evenly. Low-odor, VOC compliant **Pyrafix Liquid Grout** also makes floors easier to maintain by eliminating the tiny nooks and crannies in concrete that trap and accumulate soil and other contaminants. The easy-to-apply treatment dries fast and is suitable for any floor undergoing grinding, from warehouse-industrial to highly polished aesthetic floors.

ADVANTAGES

- Easy application with pump-up sprayer.
- Automatically fills gaps, voids and pop-outs during grinding operations.
- Quickly cures to concrete hardness.
- Dilutable with clean water to meet a variety of job site and equipment conditions.
- Treated surfaces polish faster and easier.
- Protective treatments, colorants and other applications go on more smoothly and evenly.
- Treated floors are easier to maintain; less likely to trap dirt and other contaminants.
- Complies with all known AIM VOC regulations.
- Conforms to leading green building standards and code criteria.

LIMITATIONS

- Do not freeze.

TYPICAL TECHNICAL DATA

FORM	Milky Liquid, mild odor
SPECIFIC GRAVITY	1.01
pH	8.9
TW/GL	8.40 lbs
ACTIVE CONTENT	N/A
TOTAL SOLIDS	N/A
VOC CONTENT	100g/l
FLASH POINT	>100°C (212°F)
FREEZE POINT	0°C (32°F)
SHELF LIFE	2 years in tightly sealed, unopened container

SAFETY INFORMATION

Always read full label and SDS for precautionary instructions before use. Use appropriate safety equipment and job site controls during application and handling.

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PREPARATION

Protect people, vehicles, property, plants and all adjacent or nearby surfaces not designed to receive lithium densifier from the product, splash and wind drift. Use polyethylene or other proven protective material.

SURFACE & AIR TEMPERATURES

Surface and air temperatures should be at least 10° C (50° F) and below 32° C (90° F) during application.

PACKAGING

5L, or 20L containers

EQUIPMENT

Apply using a low pressure sprayer or paint roller & paint tray.

STORAGE & HANDLING

Keep from freezing. Store in a cool, dry place. Always seal container after dispensing. Do not alter or mix with other chemicals. Published shelf life assumes upright storage of factory-sealed containers in a dry place. Maintain temperatures of 7–38°C (45–100°). Do not double stack pallets. Dispose of unused product and container in accordance with local regulations.

APPLICATION

Read "Preparation" and the Safety Data Sheet before use. ALWAYS TEST a small area of each surface to confirm suitability, coverage rate and desired results before beginning overall application. Test with the same equipment, recommended surface preparation and application procedures planned for general application. Let surface dry thoroughly before inspection.

DILUTION & MIXING

Apply as packaged. Do not dilute or alter, or use other than as specified. Stir material thoroughly before application.

TYPICAL COVERAGE RATES

Coverage rate will vary with concrete quality and porosity. Always test.

Typical coverage is:

- 5–10m² per Liter
- 200 – 400 ft² per US gallon

APPLICATION INSTRUCTIONS

Pyrafix Liquid Grout should be applied close to or during the final stage of metal grinding operations.

Always test to determine best practices for job site conditions.

1. Hydrate floor lightly with water to avoid the surface absorbing liquid grout. (Damp rather than saturated) If the grinder is connected to a vacuum, reduce the suction to avoid moisture transferring to the vacuum's filters. **Due to the risk of Silica dust, it is recommended to use appropriate PPE when grouting.**
2. Apply Pyrafix Liquid Grout by spray or roller on the floor immediately in the grinder's path. Coat floor up to 3 meters or less in front of the grinder. Saturate the floor, but do not create puddles.
3. Grind the wet floor until dry. Ensure the grinder reaches treated areas before Pyrafix Liquid Grout dries.
4. Let the floor dry 2–12 hours for maximum curing.
5. Reconnect vacuum hose (if needed) and continue grinding and polishing.

The preceding instructions are guidelines that can be modified for specific equipment, job site conditions or personal experience.

BEST PRACTICES

Apply Pyrafix Liquid Grout in the later stages of metal-bond grinding, or the first stages of resin-bond grinding, but BEFORE polishing and hardening/densifying.

Apply with low-pressure pump-up sprayer on the floor in front of the grinder. Spread with a soft-bristle push broom. Saturate the floor, but do not let Pyrafix Liquid Grout puddle or dry.

Grind until dry. Check to see that the floor the grinder has just gone over is dry before moving on during grinding operations. If the floor shows signs of turning black, product application is too thick. Correct by applying clean water with a low-pressure sprayer and grinding off excess product.

Test the floor to be ground. Check to see that Pyrafix Liquid Grout smoothly and evenly fills spaces in the concrete. During testing, also check to see if diamonds are gumming up or glazing over.

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DRY TIME

Let the floor dry 2–12 hours for maximum curing. Longer dry times are recommended for maximum cure.

CLEANUP

Clean tools and equipment with soap and water.

WARRANTY

The information and recommendations made are based on our own research and the research of others, and are believed to be accurate. However, no guarantee of their accuracy is made because we cannot cover every possible application of our products, nor anticipate every variation encountered in masonry surfaces, job conditions and methods used. The purchasers shall make their own tests to determine the suitability of such products for a particular purpose.

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