



Phoenix Premium All-Purpose Drywall Joint Compound

Technical Data Sheet

Product Description

Phoenix Finish™ Premium All-Purpose Joint Compound is an advanced, inorganic mineral-based dry powder joint compound engineered for professional drywall systems where finish quality, durability, and responsible material selection are critical. Designed for on-site mixing with potable water, Phoenix Finish delivers exceptional workability, controlled drying characteristics, and smooth performance from tape embedding through Level 5 skim coat applications.

The formulation provides strong bond integrity, minimal shrinkage, and consistent sanding properties to support efficient job-site application and durable finish results. Phoenix Finish contains zero added VOCs and is manufactured without intentionally added PFAS or red-list solvents, aligning with evolving building standards focused on indoor environmental quality, material transparency, and long-term wall assembly performance.

Key Features

- Advanced inorganic, mineral-based dry powder formulation engineered for durability and finish consistency
- Controlled set and drying characteristics for predictable, repeatable jobsite performance
- Strong, reliable bond integrity to gypsum substrates
- Minimal shrinkage to help reduce surface imperfections and callbacks
- Smooth, creamy workability when mixed for efficient application
- Excellent sanding properties for clean feathering and consistent finish results
- Designed to support Level 3, 4, and 5 drywall finishing systems
- Suitable for residential, commercial, and institutional projects
- Formulated with zero added VOCs to support cleaner indoor environments
- Manufactured without intentionally added PFAS or red-list solvents



Packaging

20.5 lb (9.3 kg) moisture-resistant bag

Pallet Configuration

- 100 bags per pallet
- Approx. 2,050 lb total pallet weight

Intended Uses

- Tape and joint finishing
- Fastener spotting
- Trim and bead work
- Skim coating
- Level 3–5 finish work
- Residential and commercial jobs
- Remodels and tenant improvements



Substrate preparation

Surfaces must be clean, dry, and structurally sound prior to application.

Gypsum board must be properly installed and securely fastened in accordance with applicable building codes and industry standards.

Remove dust, loose particles, oil, grease, or other contaminants that may interfere with adhesion.

Ensure joints are properly aligned and fasteners are set slightly below the surface without breaking the paper face.

Repair damaged gypsum board prior to application.

For previously painted or sealed surfaces, ensure surface is clean, dull, and properly prepared to promote adhesion.

Do not apply over damp or frozen substrates.

Application temperature should be maintained between 50°F and 95°F during installation and drying.

Product preparation

Use clean, potable water and clean mixing equipment.

Add 1 gallon of clean water to a clean mixing container.

Gradually add one 20.5 lb bag of Phoenix Finish™ powder while mixing with a heavy-duty drill and mixing paddle at low to medium speed.

Mix thoroughly until a smooth, lump-free consistency is achieved, taking care to avoid entrapping excessive air.

Allow the mixture to rest for 1–2 minutes, then remix.

If necessary, add up to an additional ½ gallon of water in small increments to achieve desired working consistency. Mix thoroughly after each adjustment.

Do not over-water. Excess water may reduce bond strength, increase shrinkage, extend drying time, and negatively affect finish performance.

After final mixing, allow material to rest for 2–3 minutes, then remix briefly before application.

Drying

Drying time will vary based on temperature, humidity, air circulation, and application thickness.

Under standard conditions (70°F / 21°C and 50% relative humidity), allow a minimum of 24 hours between coats.

Thicker applications, high humidity, low temperatures, or restricted airflow will extend drying time. Ensure each coat is fully dry before sanding or applying subsequent coats.

Provide adequate ventilation during drying to promote uniform curing.

Do not force dry with excessive heat.

Ambient conditions

Maintain air and surface temperatures between 50°F and 95°F during application and drying. Ensure adequate ventilation and avoid high humidity or freezing conditions.

Mixing Equipment

Clean mixing bucket or container

Heavy-duty drill (low to medium speed)

Mixing paddle designed for drywall compounds

Measuring container for potable water

Application method

Apply using taping knives, finishing knives, trowels, hawk and pan, or mechanical finishing tools.

Embed joint tape and apply a thin, uniform coat over joints and fasteners.

Allow each coat to dry completely before sanding or applying additional coats.

For Level 5 finishes, apply a tight skim coat over properly prepared surfaces.

Texture & Spray Application

Adjust material consistency as required for texture or spray application.

Apply evenly and allow to dry thoroughly before further finishing.

Ensure equipment is properly maintained and suited for drywall compounds.

Sanding

Once fully dry, sand using fine-grit abrasives to achieve the desired finish.

Avoid excessive sanding that may damage the substrate.



Usage warnings

None, particularly in situations where normal product application is expected and by people without any specific medical conditions. Do not inhale the product. Keep out of reach of children.

Waste management

Please contribute to the protection of the environment, do not throw waste down the drain and use the nearest waste or recycling point.

Sustainability gesture

Minimize product waste by carefully estimating the amount you will need. Store any unused product for future use according to the "Storage" guidelines.

Safety information

For information regarding safety, physical, ecological and toxicological details please see the latest version of the product's Material Safety Data Sheet.

Technical support

For further information, please contact your local distributor or manufacturer:
technicalsupport@phoenixfinish.com

Notes

For interior use only.

Not intended for exterior applications or areas subject to continuous moisture exposure.

Do not apply over wet, frozen, or unstable substrates.

Not designed for structural bonding or load-bearing applications.

Do not over-water during mixing, as this may reduce performance.

Allow each coat to dry completely before sanding or re-coating.

Protect material from moisture prior to mixing. Do not mix with other brands to maintain product efficacy.

Do not apply to surfaces in permanent contact with water. In case of rain, let the surface dry completely before application.

Mineral substrates must be at least 28 days old.

The information provided herein is offered in good faith and is based on current knowledge and experience with the product when properly stored, handled, and applied under normal conditions and in accordance with manufacturer recommendations.

This Technical Data Sheet is intended for informational purposes only and does not constitute a warranty, expressed or implied. Users are responsible for determining the suitability of the product for their intended use and for conducting appropriate testing under actual project conditions.

The manufacturer reserves the right to modify product formulations, performance characteristics, and technical documentation without prior notice. This edition supersedes all previous versions.

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