

SHEETROCK® Lightweight Setting-Type Joint Compounds



EASY SAND™

For one-day drywall finishing

- For interior plasterboard and gypsum fibre boards.
- Weighs 25% less than conventional setting-type compounds.
- Sanding ease similar to a ready-mixed, all-purpose joint compound.
- Unique humidity resistance.
- Exceptional bond with low shrinkage.
- Check-crack resistance in heavy fills.
- Choice of setting times.

Description

SHEETROCK® Brand Lightweight Setting-Type Joint Compounds (EASY SAND™) are chemically setting compounds for plasterboard interiors that permit same-day joint finishing, and, usually, next-day decoration. Compounds are lightweight for easy handling and sand easily for fast, smooth finishing. They are ideal for heavy fills and are virtually unaffected by humidity. They provide low shrinkage and superior bond, which makes them excellent for laminating plasterboard to plasterboard, to sound-deadening boards, and to above-grade concrete surfaces. In addition, they can be used for filling, smoothing, and finishing interior concrete ceilings and above-grade concrete; and for finishing joints in gypsum fibre boards.

To meet varying job requirements, a full line has been developed to provide a choice in setting times. The suffix number identifying each joint compound indicates an approximate setting time. For example, EASY SAND 90 sets in approximately 85-130 minutes. Other setting times available are 20 (20-30 minutes); 45 (30-80 minutes); 210 (180-240 minutes); and 300 (240-360 minutes). For patching applications requiring very quick setting, SHEETROCK® Brand Patching Compound—EASY SAND™ 5, with a setting time of 8-12 minutes, is available.

Advantages

Lightweight formula. Weighs 25% less than conventional setting-type joint compounds. Handling and application is simpler, easier, and faster.

Easy sanding. Unlike conventional setting-type joint compounds, these compounds sand easily—similar to ready-mixed, all-purpose joint compounds. Joint finishing is faster, easier, smoother.

Saves time and money. These compounds provide important labour and material cost reductions. One-day finishing with next-day decoration ensures rapid job completion and earlier occupancy. Choice of setting times aids work flow.

Quickly mixed for immediate use. Easy to mix—simply combine with water and stir. Compounds are applied after short soaking period and remixing.

Resists shrinkage and edge-cracking. Compounds tolerate small amounts of excess water that would otherwise cause delayed shrinkage. Fill and finish coats can be applied when compound is hard—but still damp—with minimum danger of delayed shrinkage and cracking.

Resists humidity changes. Setting rates are virtually unaffected by high humidity or changes in humidity. Application can be made in weather conditions that drying-type compounds would delay job completion.

Multiple use. Compounds are also excellent for patching and smoothing interior plasterboard and concrete surfaces because they provide superior bond, low shrinkage, and fast setting-action.

Limitations

1. Setting action cannot be delayed or prevented by dilution with water.
2. Not to be applied over moist surfaces or surfaces likely to become moist, or on below-grade surfaces or surfaces projecting outside building structure unless protected from direct exposure to moisture.
3. Before using over new interior concrete surfaces, allow concrete to age 60 days or more. Remove protrusions, ridges, form or parting oils, grease, and efflorescence.
4. Prior to using any epoxy coating over any surface treated with joint compound, consult the epoxy coating manufacturer and follow manufacturer's specific recommendations regarding the preparation or suitability of substrates for the epoxy coating. Many epoxy coatings exert significant shear stress on the substrate as the strong epoxy film shrinks while curing/drying. This stress can cause the bond of the joint compound to fail, resulting in delamination problems.

Directions	Preparation	In cold weather during plasterboard joint finishing, minimum surface, water, mix, and air temperature of 8°C must be ensured until joints are completely dry. Adequate ventilation shall be provided to carry off excess moisture.
	Plasterboard Joint Treatment	Position and apply plasterboard in accordance with manufacturer's recommendations. Mix EASY SAND Joint Compound according to directions on bag. Cover joint with a thin layer of compound and embed tape, leaving about 0.8 mm of compound under feathered edge and a thin layer over the tape. After compound has set, apply second coat, feathering out approximately 50 mm beyond first coat. After setting, apply third coat, feathering out 50 mm beyond second coat. After each coat is applied, smooth away any tool lap marks or other imperfections prior to hardening action. Finish fastener heads with three coats of joint compound; finish corner bead and inside corners as required with at least two coats, feathered and smoothed out onto panel faces. If sanding, use nothing coarser than 180-grit sandpaper, and avoid scuffing paper.
	Filling and Finishing over Interior Poured Concrete Ceilings	Grind high plane differences in concrete level with adjacent area; also remove any form oil, efflorescence, and greasy deposits. Prime exposed metal with a good rust-inhibitive primer. Fill offsets or voids with joint compound. Apply additional coats of joint compound as necessary, after each coat has set, but not necessarily dried. For a Level 5 finish spray a uniform coat of SHEETROCK® Brand Tuff-Hide® Primer-Surfacer per application requirements.
	Use with Water-Resistant Plasterboard	In areas to be tiled, for tapered edge joints, embed SHEETROCK Brand Joint Tape with EASY SAND 45 or 90. When set, apply a fill coat. Take care not to crown the joint. Wipe excess joint compound from the panel surface before it hardens. For butt joints and interior angles, embed SHEETROCK Brand Joint Tape with EASY SAND 45 or 90. A fill coat is not necessary. Again, take care not to crown the joint. For fasteners, spot fastener heads at least once. When penetrations are made in the plasterboard fill and seal all openings around pipes, fittings, and fixtures with a thinned-down coat of tile adhesive. For best results, use Type I Ceramic Tile Adhesive that meets ANSI A136.1 both as a sealer and to set the tile. With a 25 mm brush, apply the thinned adhesive onto the raw plasterboard core at cutouts, and allow area to dry thoroughly prior to application of tile. Before the Easysand compound dries, wipe excess material from the surface of the plasterboard. For areas not to be tiled, embed tape in the conventional manner. Finish with at least two coats of a SHEETROCK Brand Joint Compound to provide joint finishing for painting and wallpapering.
	Laminating and Back-blocking	Apply EASY SAND Joint Compound in the prescribed manner to back of face panels to be laminated or back-blocked. Laminate face panels to (base layer panels) or back-block panels using moderate pressure and temporary nailing or shoring to ensure adequate bond. Refer to plasterboard manufacturer's technical data for exact back-blocking details.
	Decorating	For priming and decorating with paint, texture, or wallcovering, follow manufacturer's directions for materials used. All surfaces must be dry, dust-free, and not glossy. Walls to be covered with wallpaper or vinyl wallcovering should be sealed per manufacturer's recommendations. To improve concealment where walls and ceilings will be subjected to severe artificial or natural critical lighting, the plasterboard surface should be sprayed with Level 5 SHEETROCK Brand Tuff-Hide® Primer-Surfacer before painting.

Use With USG Gypsum Accelerator

USG Gypsum Accelerator (High Strength) when added to SHEETROCK Brand Lightweight Setting Type Joint Compound (EASY SAND) will shorten the setting time. USG Gypsum Accelerator should be sprinkled in dry form into the mixed compound. For hand mixing, dry accelerator can be added either to the dry mix or mixed compound. Never add USG Gypsum Accelerator directly to water or mix it with water to form a solution before adding it to the compound. Doing so will significantly reduce its ability to accelerate the set.

Accelerator Amount		Approximate Set Time (minutes)		
Tablespoon Per Bag	Tablespoon Per Bread Pan	EASY SAND 90	EASY SAND 45	EASY SAND 20
1.0	0.22	40	20	10
2.0	0.44	30	10	
6.0	1.33	20		

- "Bread Pan" volume estimated at 10 cups (2.4 L)
- Wet Mixed Volume of Setting Type Joint Compounds approx. 10.6 litres (45 cups) per bag.

Product Data

Color: Natural.

Binder: Vinyl.

Filler: Calcium Sulfate.

Dilution (water): Approximately 4.6 to 5.6 L/8.0 kg. Refer to bag for specific water dilution directions.

Density (dry bulk): 513 kg/m³.

Freezing Sensitivity: None after set, but not necessarily dry.

Coverage: Average 16 kg/100 m² plasterboard.

Compliance with Standards: Meet ASTM Standard C475.

Storage: Close open bags as tightly as possible and store in a dry place.

Shelf Life: Up to 9 months under protected storage conditions.

Packaging: 16 kg bags for EASY SAND 5, 20, 45, 90, 210 and 300; 1.8 kg (4 lb.) boxes for EASY SAND 5.

WARNING

When mixed with water, this material hardens and then slowly becomes hot. Do not attempt to make a cast enclosing any part of the body using this material. Failure to follow these instructions may cause severe burns that may require surgical removal of affected tissue. Avoid inhalation of dust and eye contact. Dust generated by sanding may cause eye, skin, or respiratory tract irritation. Use wet-sanding to avoid creating dust. If dusty, wear a NIOSH/MSHA-approved respirator. Prolonged and repeated exposure to mica may cause lung disease. Wear eye protection. If eye contact occurs flush thoroughly with water for 15 minutes. If irritation persists, call physician. Do not ingest. If ingested, call physician. Product safety information: Consult your USG sales office or representative for information.

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SAFETY FIRST!

Follow good safety and industrial hygiene practices during handling and installing of all products and systems. Take necessary precautions and wear the appropriate personal protective equipment as needed. Read material safety data sheets and related literature on products before specification and/or installation.