

USG SHEETROCK® BRAND MAC™ JOINT COMPOUND



DESCRIPTION

All purpose joint compound specially designed for use in mechanical tools.

- Great bond, hard-finish surface
- Excellent for skim coating, embedding tape and for filling, finishing
- For use with USG Sheetrock® Brand Mold Tough® Gypsum Panels to achieve a mold-resistant system
- Achieved GREENGUARD Gold Certification and qualifies as a low VOC emitting material (CDPH Standard Method V1.1, also known as CA Section 01350)

LIMITATIONS

Designed for use in mechanical drywall tools, USG Sheetrock® Brand MAC™ Joint Compound is a ready-mixed compound that is ideal for use directly from the pail to embed paper joint tape and apply drywall fill and finish coats. It is also excellent for covering fasteners, corner bead and trim, skim coating, hand applying simple textures and for repairing drywall and plaster cracks.

1. Protect container from freezing, extreme heat and exposure to direct sunlight.
2. 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.

PREPARATION

Position and apply USG Sheetrock® Brand Gypsum Panels in accordance with manufacturer's recommendations.

In cold weather and during gypsum panel joint finishing, temperatures within the building shall be maintained at a minimum of 55 °F (13 °C). Adequate ventilation shall be provided to carry off excess moisture.

Before applying store at 55-95 °F (13-35 °C) for 24 hours. Remix contents before use and ensure product is at correct consistency. If a thinner consistency is desired, add clean water in half-pint increments, remix and trial apply until preferred consistency is reached. Over-dilution causes abnormal shrinkage, poor bond and other negative effects. Do not mix with any other material.

APPLICATION

Cover joint with a thin layer of compound and embed paper tape, leaving about 1/32 in. of compound under edge. Let dry and sand lightly. Apply second coat approximately 2 in. beyond first coat. Let dry, then dry trowel/scrape or sand lightly to remove tool marks as required, and then apply third coat 2 in. beyond second coat. Sand lightly as required when dry. Finish fastener heads, corner bead and inside corners as required with at least three coats of joint compound, feathered out onto panel faces and finished to a smooth surface.

Proper concealment (joints, fasteners, trims): Using fill and finish coats of joint compound to properly conceal gypsum panel joints, fasteners and trim accessories makes it impossible to achieve a flat plane on a finished surface. However, a properly finished gypsum panel wall can minimize the appearance of joints, fasteners and trims. Its visual and aesthetic qualities help disguise the panel seams and points of fastener/trim installation from being easily visible across the substrate surface.

Finishing and properly concealing joints and fasteners rely on two techniques: (1) using graduated arcs to prevent recesses or ridges, and (2) not applying joint compound flush or flat to the panel surface. Recesses or ridges can result in distinct shadows in critical light or other adverse visual conditions. Applying joint compound flush or flat to the surface does not properly conceal the panel and increases the likelihood of joints and fasteners showing through the decorated finish. For more information, refer to USG literature *Finishing & Decorating Gypsum Panels* (J2010).

DECORATING

PRODUCT INFORMATION

See usg.com for the most up-to-date product information.

GREENGUARD Certified products are certified to GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit ul.com/gg

CAUTION

Dust from sanding may cause irritation to eyes, skin, nose, throat and upper respiratory tract. Use only in a well-ventilated area, wear a NIOSH/MSHA-approved respirator. Use a sander with vacuum attachment or wet-sanding to reduce dust. Wear eye protection. If eye contact occurs, flush thoroughly with water for 15 minutes. If on skin: Wash with plenty of water. If swallowed or irritation persists, call a physician. Prolonged or repeated breathing of respirable mica or talc dust may cause lung disease (pneumoconiosis). Keep containers closed when not in use. For more information call Product Safety: 800 507-8899 or see the SDS at usg.com

KEEP OUT OF REACH OF CHILDREN.

TRADEMARKS

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NOTE

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NOTICE

USG warrants that its joint treatment products are free from defects in material and workmanship at the time of manufacture. USG shall not be liable if any loss or damage was caused by improper storage of the products, or if the products were not used and applied according to USG's current printed directions and specifications including, with respect to using joint compound for a skim coat, USG literature *Finishing and Decorating Gypsum Panels* (J2010). USG's liability for defective goods is expressly limited to replacement or, at USG's election, to repayment of the purchase price. USG shall not be liable for incidental, consequential or special damages. For further details see USG's standard limited warranty at usg.com. Any claim shall be deemed waived unless made in writing to us within thirty (30) days from date it was or reasonably should have been discovered.

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 SDS and related literature on products before specification and/or installation.



For priming and decorating with paint, texture or wallcovering, follow manufacturer's directions for materials used. All surfaces, including applied joint compound, must be thoroughly dry, dust free and not glossy before decorating.

Drywall Primer: A priming material applied over the entire prepared gypsum panel surface prior to decoration. The priming material must be suitable for the substrate and applied as recommended by the coating manufacturer. Where final appearance is critical, the application of a flat drywall primer with high pigment solids tends to minimize most decorating problems.

A prime coat of USG Sheetrock® Brand First Coat™ Primer or a good quality interior latex flat wall paint with a high pigment solids content should be applied undiluted and allowed to dry before decoration. Walls to be covered with wallpaper or vinyl wallcovering should have the surface treated per the wallcovering manufacturer's recommendation.

USG Sheetrock® Brand ready-mixed joint compounds can be used in a skim coat operation when properly prepared as a skim coating material. Refer to USG literature *Finishing & Decorating Gypsum Panels* (J2010) for information regarding skim coating with USG Sheetrock® Brand ready-mix joint compounds.

Factors not covered in this publication may also affect the finished appearance of any surface.

PRODUCT DATA

Type: A ready-mixed drying-type joint compound.

Use: Hand or mechanical tool application.

Coverage: Approximately 10 gal./1,000 sq. ft. (37.8 L/100 sq. m) of gypsum panels.

Compliance with Standards: Meets ASTM C475, *Standard Specification for Joint Compound and Joint Tape for Finishing Gypsum Board*.

Storage: Store at 55-95 °F (13-35 °C) in a dry location. Protect from freezing, extreme heat and exposure to direct sunlight. Keep container tightly sealed. Do not use if material is discolored or has an unpleasant odor.

Shelf life: Up to nine months from date of manufacture under proper storage conditions. Check production date codes periodically. Rotate stock on first-in, first-out basis.

Packaging: 4.5 gal. pail. Packaging size availability may vary by market.

Cleanup: Wash tools with warm, soapy water, and wipe dry to prevent rusting.

Low VOC Content: 2 g/L

FROZEN MATERIAL GUIDELINES¹

1. In the event the material is frozen, allow it to thaw completely.
2. Do not apply any form of heat to container.
3. Open the container carefully to prevent spilling any separated liquid. This is not water and must be remixed into the compound.
4. Do not add water until the material is remixed. Once the material remixes to a smooth, lump-free consistency, water may be added per USG recommendations to obtain the desired working properties. Do not use if the material is not smooth or lump free after remixing.

¹ For more information, refer to USG literature *USG Sheetrock® Brand Ready-Mix Joint Compound Frozen Material Guidelines* (J2155).

SUBMITTAL APPROVALS

Job Name	
Contractor	Date

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