

MR-MANUFACTURER

SHEETROCK® Joint Tapes and Joint Compounds are manufactured by United States Gypsum Company, a leader in construction materials and building systems for 90 years. Check local sales office for product availability in your area.

For specifications on this product, 1.) close this product Snapshot, 2.) click on the Manufacturer's Showcase button, 3.) select the screen, *Specification: Gypsum Board Systems* from the drop-down Showcase list that appears in the upper right of your screen.

PP-PRODUCT PRESENTATION

Joint Tapes

SHEETROCK Joint Tape is a strong, cross-fibered paper tape with minimal longitudinal stretch and superior tensile strength. Lightly pre-creased for corner application. For estimating purposes: for 1,000 sq. ft. of surface area to be finished, approximately 370 lin. ft. of tape is required.

SHEETROCK Fiberglass Drywall Tape is made with a unique cross-fiberglass construction to provide greater drywall joint strength than conventional fiberglass leno-weave mesh tapes. Self-adhesive tape goes on quickly -- eliminates bedding coat and provides smooth finished joints in only two coats. For first coat over tape, setting-type joint compound is used; for second coat, setting-type or drying-type (ready-mixed or powder) joint compounds may be used. Tape is also ideal for patching small holes and cracks in drywall and plaster walls and ceilings.

Ready-Mixed Compounds

SHEETROCK Ready-Mixed Joint Compounds are non-asbestos, vinyl-based formulations specially premixed to a creamy, smooth consistency. They offer excellent slip and bond, easy workability. Joint finishing is fast, easy and smooth, reducing labor costs and improving appearance and quality of the job. For 1,000 sq. ft. of surface area to be finished, approximately 138 lbs. of conventional weight ready-mixed type or 9.4 gallons of lightweight ready-mixed joint compound are required.

SHEETROCK Taping Joint Compound Ready-Mixed is a high-performance product for embedding tape and is also used for laminating.

SHEETROCK Topping Joint Compound Ready-Mixed is a low-shrinkage, easily applied and sanded product recommended for second and third coats over ready-mixed taping and all purpose compounds. Also used for simple hand-applied texturing or skim coating in some markets; check suitability of formula in your area with local sales office. Not suitable for embedding tape or as first coat over metal corners, trim and fasteners.

SHEETROCK All Purpose Joint Compound Ready-Mixed is used for embedding, finishing, simple hand-applied texturing, laminating and skim coating. Combines single package convenience with good taping and topping characteristics. Recommended for repairing cracks in interior plaster and masonry not subject to moisture.

SHEETROCK Lightweight All Purpose Joint Compound Ready-Mixed

(PLUS 3®) offers all benefits of a conventional product. Exclusive advantages: weighs up to 35% less, requires only two coats over metal bead and fasteners, gives exceptional ease of sanding. This all purpose, single package product provides tight bond, superior slip and workability, good crack resistance and low shrinkage. Also used for simple hand-applied texturing.

Vinyl-Base Powder Joint Compounds

SHEETROCK Powder Joint Compounds are top-quality, non-asbestos, conventionally drying-type products providing easy mixing, smooth application and ample working time. Designed for embedding tape, for fill coats and finishing over drywall joints, corner bead, trim and fasteners. Also used for simple hand-applied texture finishes for decorating variety. For 1,000 sq. ft. of surface areas to be finished, approximately 83 lbs. of lightweight drying-type powder is required.

SHEETROCK Taping Joint Compound is designed for embedding tape and for first fill coat on metal beads, trim and fasteners; also used for patching plaster cracks. Outstanding bond and resistance to tape cracking.

SHEETROCK Topping Joint Compound is a smooth-sanding material for second and third coats over taping compound or all purpose compound. Produces excellent feathering and superior finishing results.

SHEETROCK All Purpose Joint Compound incorporates good taping and topping characteristics in a single product. For use where finest results of the specialized compounds (above) are not necessary. Also has good texturing properties.

SHEETROCK Lightweight All Purpose Joint Compound (AP Lite™) weighs 20% less than conventional compounds; offers lower shrinkage, better crack resistance, easier mixing, application and sanding.

SHEETROCK Setting-Type (DURABOND®) and Lightweight Setting-Type (EASY SAND™) Joint Compounds

These setting-type powder products were developed to provide faster finishing of drywall interiors, even under slow drying conditions. Rapid chemical hardening and low shrinkage permit same-day finishing and usually next-day decoration. Features exceptional bond; virtually unaffected by humidity extremes. Ideal for laminating double-layer systems, particularly fire-rated assemblies, and for adhering gypsum panels to above-grade concrete surfaces. May be used for skim coating and surface texturing and for filling, smoothing and finishing interior above-grade concrete. Also used to treat joints in exterior gypsum ceiling board and to embed tape and fill beads in veneer finish systems when any of the following conditions exist: rapid drying conditions due to low humidity, high temperature and excessive evaporation; metal framing is specified; 24" o.c. wood frame spacing and a single layer gypsum base veneer system is specified (5/8" base with one-coat veneer finish and 1/2" or 5/8" base with two-coat veneer finish). Required as prefill material for SHEETROCK brand Gypsum Panels, SW Edge. Recommended for filling joints of SHEETROCK brand Gypsum Panels, Water-Resistant, and treating fastener heads in areas to receive ceramic or plastic tile. Also used extensively for touch-up and patching. For 1,000 sq. ft. of

surface areas to be finished, approximately 72 lbs. of conventional setting-type powders, and 52 lbs. of lightweight setting-type powders, are required.

SHEETROCK Setting-Type Joint Compound (DURABOND)

In addition to the above applications, these compounds are also ideal for repairing surface damaged areas in handball and racquetball court walls finished with STRUCTO-BASE® and STRUCTO-GAUGE® Gypsum Plasters. Also use for repair of STRUCTOCORE® Security Wall system. Offers varied setting times of 20 to 30 min., 30 to 80 min., 85 to 130 min., 180 to 240 min. and 240 to 360 min.

SHEETROCK Lightweight Setting-Type Joint Compound (EASY SAND)

weighs 25% less than conventional setting-type compounds for easier handling, faster application and improved productivity on the job. Provides sanding ease similar to a ready-mixed, all purpose joint compound. Offers varied setting times of 20 to 30 min., 30 to 80 min., 85 to 130 min., 180 to 240 min. and 240 to 360 min.

UA-USES, APPLICATIONS

The following levels of joint compound usage and application are taken from *GA-214-90 Levels of Gypsum Board Finish*.

Level 1 -- "Frequently specified in plenum areas above ceilings, in attics, in areas where the assembly would generally be concealed or in building corridors and other areas not normally open to public view. Accessories are optional at specifier discretion in corridors and other areas with pedestrian traffic. Some degree of sound and smoke control is obtained; this level of treatment is referred to as 'fire-taping' in some geographic areas. Where fire-resistance rating is required for the gypsum board assembly, details of construction must be in accordance with reports of fire tests of assemblies that have met the fire rating requirement."

Level 1 may be achieved with SHEETROCK Joint Treatment products by applying the first (embedding) coat to joints and to inside corners per manufacturer's instructions. Fire taping may exclude the double-back of the first coat over the tape.

Level 2 -- "Specified where water-resistant gypsum backing board (ASTM C630) is used as a substrate for tile; may be specified in garages, warehouse storage or other similar areas where surface appearance is not of primary concern."

Level 2 may be achieved with SHEETROCK Joint Treatment products by applying the first (embedding) and second (fill) coats to joints and to inside corners, and one coat of joint compound applied over all fasteners, metal bead and trim per manufacturer's instructions.

Level 3 -- "Typically specified in appearance areas that are to receive heavy or medium texture (spray or hand applied) finishes before final painting, or where heavy grade wallcoverings are to be applied as the final decoration. This level of finish is not recommended where smooth painted surfaces or light to medium weight wall coverings are specified."

Level 3 may be achieved with SHEETROCK Joint Treatment product by applying the first (embedding), second (fill) and third (finish) coats to joints per manufacturer's instructions. Inside corners should be treated and three coats of joint compound should be applied over all fasteners, metal bead and trim, per instructions. If low shrinkage compounds are used, such as SHEETROCK Setting-Type Joint Compound (DURABOND), SHEETROCK Lightweight Setting-Type Joint Compound (EASY SAND), or SHEETROCK Lightweight All Purpose Joint Compound Ready-Mixed (Plus 3), only two coats are required over fasteners, metal bead and trim. Surfaces should be primed with SHEETROCK First Coat or a flat latex paint with high solids content applied undiluted.

Level 4 -- "This level should be specified where light textures or wallcoverings are to be applied, or economy is of concern. In critical lighting areas, flat paints applied over light textures tend to reduce joint photographing. Gloss, semi-gloss, and enamel paints are not recommended over this level of finish. The weight, texture, and sheen level of wall coverings applied over this level of finish should be carefully evaluated. Joints and fasteners must be adequately concealed if the wall covering material is lightweight, contains limited pattern, has a gloss finish, or any combination of these features is present. Unbacked vinyl wall coverings are not recommended over this level of finish."

Level 4 may be achieved with SHEETROCK Joint Treatment products by following the same joint finishing and priming recommendations shown above for Level 3.

Level 5 -- "This level of finish is recommended where gloss, semi-gloss, enamel, or nontextured flat paints are specified or where severe lighting conditions occur. This highest quality finish is the most effective method to provide a uniform surface and minimize the possibility of joint photographing and of fasteners showing through the final decoration."

Level 5 may be achieved with SHEETROCK Joint Treatment products by following the same joint finish recommendations as shown for Level 3 followed by application of a thin skim coat of joint compound over the entire surface. After the skim coat has dried, the entire surface should be primed with SHEETROCK First Coat or a flat latex paint with high solids content applied undiluted.

AI-ASSEMBLY, INSTALLATION

Install these products in accordance with instructions.

MF-MATERIALS, FINISHES

Materials include powder compounds, ready-mixed compounds and setting-type compounds.

CS-COATINGS, SURFACINGS

Use SHEETROCK First Coat as a prime coat and then decorate.

TS-TECHNICAL SUPPORT

For further information on specifications, design criteria and product performance, order catalog *SA-927 Gypsum Panels and Accessories* by calling toll-free 1-800-USG-4YOU (874-4968).

CC-CODES, CERTIFICATION

SHEETROCK Joint Compounds comply with ASTM C475.

OM-OPERATION, MAINTENANCE

Contact local U.S. Gypsum Company Sales Office with any questions about maintenance and replacement recommendations.