

Sheetrock® Setting-Type Joint Compounds

Durabond®



For one-day drywall finishing

- For interior gypsum panels and exterior gypsum ceiling boards
- Unique humidity resistance
- Exceptional bond, low shrinkage
- Unusual check-crack resistance in heavy fills
- Choice of setting times

Description

SHEETROCK® brand DURABOND® setting-type joint compounds for drywall interiors and exteriors save time and money by permitting same-day joint finishing, and, usually, next-day decoration. They are ideal for heavy fills and are virtually unaffected by humidity.

These easy-to-mix chemically setting powder compounds provide low shrinkage and superior bond, which make them excellent for laminating gypsum panels to gypsum panels, to sound-deadening boards, and to above-grade concrete surfaces. In addition, Durabond setting-type joint compounds can be used for filling, smoothing and finishing interior concrete ceilings and above-grade concrete. Other uses include finishing joints in exterior gypsum ceiling boards and presetting joints in veneer plaster finish systems.

To meet varying job requirements, a full line of Durabond joint compounds has been developed to provide a choice of approximate setting times. Durabond 20 joint compound sets in about 20-30 minutes; Durabond 45 joint compound sets in about 30-80 minutes; Durabond 90 joint compound sets in about 85-130 minutes; and Durabond 210 joint compound sets in about 180-240 minutes.

Limitations

1. Durabond setting-type joint compounds are more difficult to sand and smooth after drying and should be smoothed before set or while damp, but not completely hardened.
2. Setting action cannot be delayed or prevented by dilution with water.
3. Do not apply 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.
4. Cure new interior concrete surfaces 60 days or more before using Durabond setting-type joint compounds. Remove protrusions, ridges, form or parting oils, grease and efflorescence.
5. Prior to using any epoxy coating over any surface treated with joint compound, consult the epoxy coating manufacturer and follow manufacturer's 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.

Application

Preparation

In cold weather during gypsum panel joint finishing, a minimum surface, water, mix and air temperature of 45 °F must be maintained until joints are completely dry. Adequate ventilation shall be provided to carry off excess moisture.

Gypsum Panel Joint Treatment

Position and apply SHEETROCK® gypsum panels according to manufacturer's recommendations. Mix Durabond joint compound according to directions on bag. If using SHEETROCK gypsum panels, SW edge, prefill the "V" grooves formed by abutting edges with Durabond 45 or 90 joint compound. Apply compound directly over "V" groove with a flexible 5" or 6" joint finishing knife. Wipe off excess compound applied beyond the groove. Allow the prefill compound to harden prior to the next application. Cover joint with a thin layer of compound and embed fiberglass or paper joint tape, leaving about 1/32" of compound under feathered edge and a thin layer over the tape. After compound has set, apply second coat, feathering out approximately 2" beyond first coat. After setting, apply third coat, feathering out 2" beyond second coat. After each coat is applied, smooth away any tool lap marks or other imperfections prior to setting 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.