

# SHEETROCK® Brand Gypsum Panels Water-Resistant

## Regular FIRECODE Core FIRECODE C Core

### Preparation

In cold weather and during gypsum panel application and joint finishing, temperatures within the building shall be maintained within a range of 55 to 70 °F (13 to 21 °C). Adequate ventilation shall be provided to carry off excess moisture.

### Application

If necessary, fur out studs so inside face of shower receptor and panel surface are flush. Install blocking headers to support tub and other plumbing fixtures, soap dishes, grab bars, towel racks, etc. If studs are spaced more than 16" o.c. or ceramic tile over 5/16" thick is used, place blocking between studs approximately 1" above top of tub or receptor and at midpoint between base and ceiling. For fire resistance and improved sound control, install gypsum panels below tub rim blocking to floor.

Place temporary 1/4" spacer strips around lip of fixture. Pre-cut panels to size and make cut-outs. Apply SHEETROCK Brand Water-Resistant Compound or an approved waterproof, flexible sealant to all cut or exposed edges, then install panels horizontally with paperbound edge abutting top of spacer strip. Space nails 8" o.c. max. or screws 12" o.c. max. For ceramic tile more than 5/16" thick, space nails 4" o.c., screws 8" o.c. max.

For tile 5/16" thick or less, panels may be installed to wood or steel framing with a panel adhesive meeting ASTM C557. Apply 3/8" bead to stud faces—two beads on studs where panels join. Do not apply adhesive to blocking where no fasteners will be used. Position panel and drive nails or screws at 16" intervals around perimeter, 3/8" from edges. (For double-layer application, see USG publication SA924).

In areas to be tiled, treat joints and fastener heads with SHEETROCK Brand DURABOND Setting-Type (45 or 90) or EASY SAND™ Lightweight Setting-Type (45 or 90) Compound. Fill tapered edges in gypsum panels with compound, embed SHEETROCK Brand Joint Tape firmly, and wipe off excess compound. When hardened, apply second or skim coat over taping coat, being careful not to crown the joint or leave excess compound on panel (DURABOND compound is difficult to sand and remove when dry). For butt joints and interior angles embed SHEETROCK Brand Joint Tape with SHEETROCK Brand DURABOND Setting-Type (45 or 90) or EASY SAND Lightweight Setting-Type (45 or 90) Joint Compound without crowning the joint. A fill coat is not necessary. Spot fastener heads at least once with one of the same setting-type joint compounds noted above.

Seal all openings around pipes, fittings, and fixtures with a coat of SHEETROCK Brand Water-Resistant Compound or an approved waterproof flexible sealant. With a one-inch brush, apply the compound to the raw gypsum panel core at cutouts. Allow areas to dry thoroughly prior to tile application. Before compound dries, wipe excess material from surface of gypsum panels. Remove spacer strips but do not caulk gap at bottom of panels. Install tile down to top edge of shower floor or tub and overlapping lip or return of tub or receptor.

For areas not to be tiled, embed tape with conventional SHEETROCK Brand Ready-Mixed Joint Compounds, Taping and/or All Purpose, or SHEETROCK Brand DURABOND Setting-Type (45 or 90) or Lightweight EASY SAND Setting-Type (45 or 90) Joint Compound in the conventional manner. Finish with at least two coats of U.S. Gypsum Joint Compound to provide a treated surface for painting and wallpapering,

Fill all joints continuously with grout. Apply non-setting caulking compound, such as tub caulk, between wall surfacing material and shower floor, curb, or tub rim.

**Applications**  
(continued)

Where SHEETROCK Brand Water-Resistant Gypsum Panels are to be painted with a gloss enamel and subjected to critical lighting, it is recommended that the panel surface be skim-coated with a conventional joint compound prior to painting.

For additional information and complete specifications, see USG publication SA924.

**Trademarks**

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**SAFETY FIRST!**

Follow good safety practices. Read material safety data sheets and related literature on products before specification and/or installation.

