

Installation Guidelines

Ceiling Tile (C315)

SUBSTRATE: Wood or Metal Framing**UNDERLAYMENT: Backer Board****SETTING: Thin-Set Mortar**

- » Use this method in wet or dry areas, over dry well-braced wood or metal studs.
- » The ceiling frame must be capable of supporting weight.
- » The backer board must be a minimum of ½” thick, free of oil and coatings.
- » The weight of the tile must not exceed 5 psf for ½” backer board with framing spacing 24” o.c.; 6 psf for ½” backer board with framing spacing 16” o.c.
- » Install backer board to studs using galvanized nails, screws or fasteners leaving 1/8” between boards.
- » Fill and tape gaps according to manufacturer’s recommendations.
- » Apply a thin coat of thin-set mortar and apply tile, making sure that at least 95% of tile is touching the bed.
- » Allow to dry according to manufacturer’s directions.
- » Choose the grout appropriate to tile and apply.
- » Follow manufacturer’s directions for drying time and clean up.

SUGGESTED MATERIALS:

- » Galvanized screws, nails or fasteners.
- » Dry-set mortar: ANSI A118.1.
- » Latex-Portland cement mortar: ANSI A118.4.
- » Grout: ANSI A118.3, A118.6, or A118.7.
- » Metals studs: ASTM C645.

BACKER UNITS:

- » Cementitious backer units: ANSI A118.9 or ASTM C1325.
- » Cementitious: coated extruded foam backer board per ASTM C578 (minimum Type VI).
- » Coated glass amt water-resistant gypsum backer board: ASTM C1178.
- » Fiber-reinforced water-resistant gypsum backer board: ASTM C1278 Paragraph 6.1.

INSTALLATION SPECIFICATIONS:

- » Backer board: ANSI A108.11 or according to manufacturer’s instructions.
- » Tile: ANSI 108.5.
- » Grout: ANSI A108.6 or A108.10.