

# INTERIOR GYPSUM BOARD

## FRAMING

- **WALLS:**
  - **Non load bearing** - The framing should be designed to limit deflection to  $L/240$  under code specified loading conditions.
  - **Load bearing** - The framing shall be designed to limit deflection to  $L/360$  under code specified loading conditions.
- **CEILING/SOFFIT/ARCH:** Framing members shall be spaced at 16" on center or less. If framing is more than 16" o.c., then 5/8" thick gyp board can be used.

## TYPE AND ATTACHMENT

Gypsum board may be standard type, water-resistant type, tile underlayment, or fire rated type, and must be a **minimum of 1/2" thick** (5/8" recommended), secured per Code requirements.

## JOINT TREATMENT

All joints and inside corners must be reinforced with paper or fiberglass mesh tape, fully embedded in gypsum board compound. Outside corners and exposed gypsum board edges should be reinforced with metal corner or edge beads set with gypsum board compound. The level of finish should be similar to Level 3, which does not require a smooth finish, but all tape and metal trim must be fully embedded in compound, with a second coat of compound applied over all corners, joints, and fasteners.

## PRIMING

Substrate surfaces must be dry and clean of loose paint, dust, and debris. Prime all new standard or type X gypsum wallboard with two coats of a standard PVA primer or one coat of a high quality flat latex paint. Tile backer gypsum such as DensShield™ should NOT be primed. Be sure to follow board manufacturer's recommended use of primers and installation procedures for the type of board being used.

## ARCUSBOND™

Using a roller, brush or sprayer, apply a **generous** and **uniform** coat of ArcusBond™ to all surfaces that are to receive the ArcusStonecoat or ArcusPlaster coating.

On all vertical applications, randomly broadcast (throw) 30 mesh or similar washed, graded sand onto the wet ArcusBond to provide "tooth" to create a more secure bond.

**IMPORTANT!** - Let ArcusBond dry before applying ArcusStone® finish.

## **OTHER RECOMMENDATIONS**

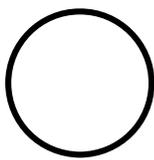
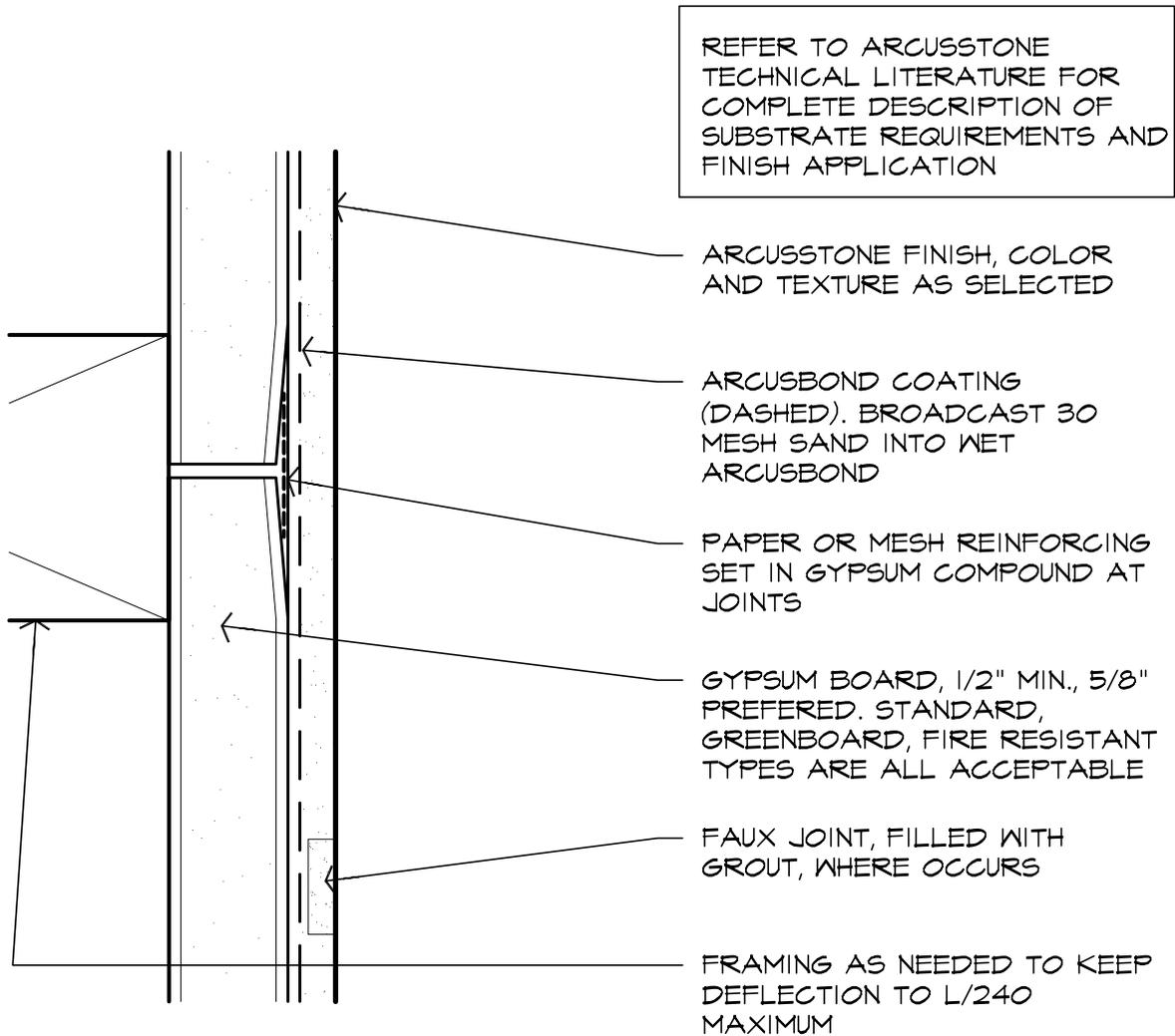
- **ARCHES / FIREPLACES:**

Where use of gypsum board is difficult (such as at the curved underside of arches) or where entirely non-combustible materials are required (near fireplace openings, for instance), galvanized diamond mesh lath over framing, secured at 4" on center minimum, with a minimum 3/8" thick Portland cement plaster brown coat can be used as a substrate.

The Portland cement plaster must completely cover the lath.

- **CEILINGS AND OTHER OVERHEAD APPLICATIONS:**

A slurry coat (thin brown coat) can be applied to the wallboard and allowed to dry before applying the ArcusStone® finish. This will help insure a more uniform and consistent drying of the finish over the entire surface as well as providing "tooth" for the ArcusStone finish to adhere.



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ArcusStone Substrate Preparation

Full Size

All substrates to be in compliance with local codes and regulations, substrate component manufacturer's requirements for installation, and ArcusStone Products' published guidelines.