

CONCRETE MASONRY (CMU) AND BRICK

PREPARE SUBSTRATE

- **Inspect** brick and masonry units for adhesion strength and re-secure as required.
- **Grout and mortar** must be struck off flush with the face of the masonry.
- **Remove paint** by mechanical abrasion using: bead blasting, sand blasting, rotary steel wire brushing using an angle grinder or other methods to effectively open the coating and produce a surface profile similar to 80 grit sand paper. Completely removing the paint is usually not required.
- **Pressure washing**, operated at approximately 1200 psi with a flare tip, may be used where possible.
- **Clean** all surfaces of any efflorescence, mold, scale, soot, dirt or any other surface contaminants that may interfere with a good bond. Rinse with clean water.

Refer to ArcusStone Architectural Specifications Section 1.4D for ASTM Standards for preparing these substrates for ArcusStonecoat and ArcusPlaster installations.

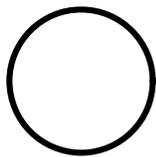
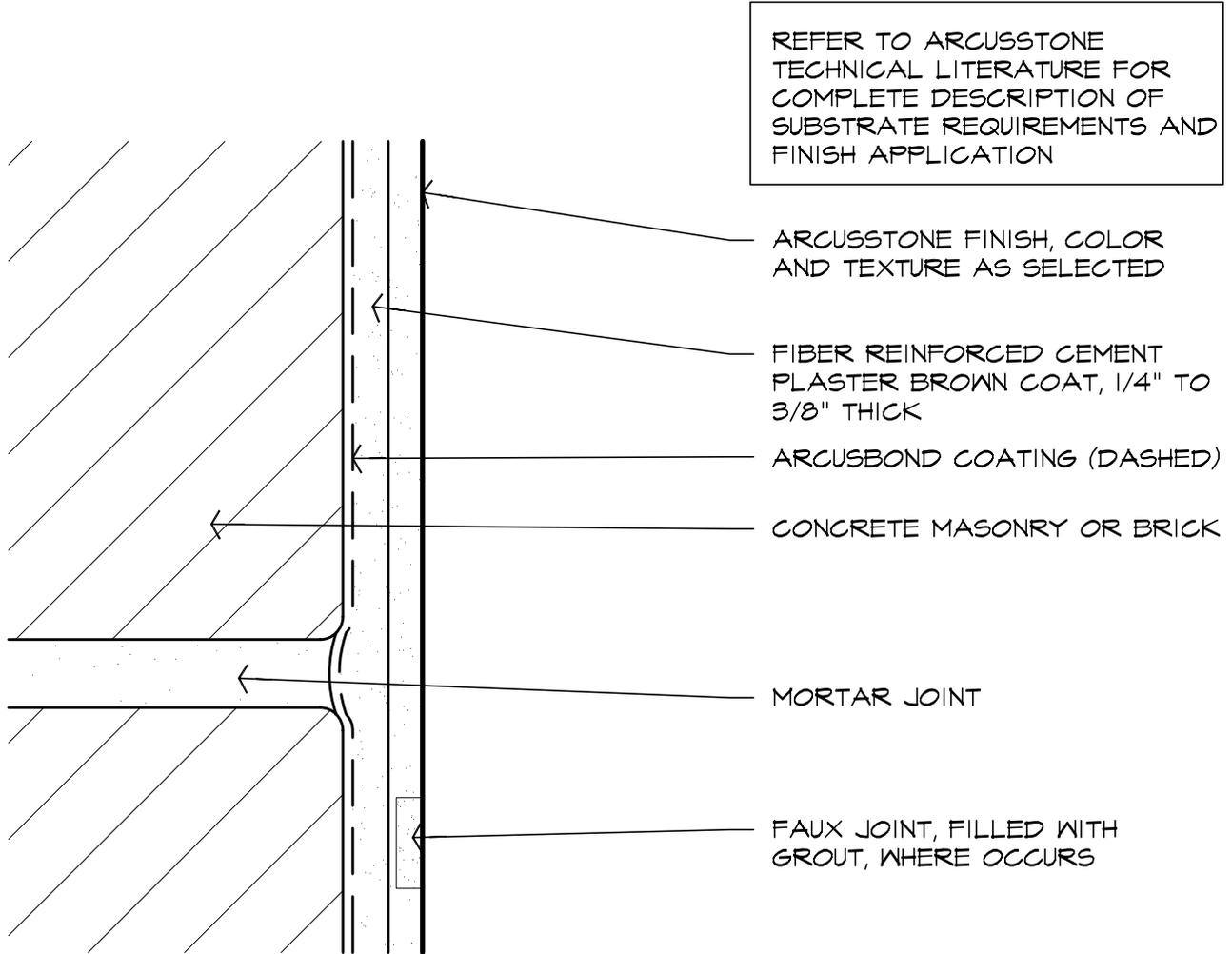
Apply Basecoat

- **ArcusBond™** Using a roller, brush or sprayer, apply a **generous and uniform coat** of ArcusBond per manufacturer's application instructions. Let **dry** before applying brown coat.
- **Apply brown coat**, an acrylic modified fiber reinforced brown coat, thick enough to keep grout joints from "telegraphing" through to the finish coat of ArcusStone, typically 1/4" to 3/8". Lightly scratch horizontally to create more tooth.
- **Allow to cure for 48 hours.**
- **Repair any cracks** in the brown coat using 6" wide detail mesh embedded in cementitious basecoat.
- **ArcusBond™** is NOT necessary for installation of ArcusStone materials over NEW Portland cement stucco brown coats. It is recommended, however, to: even out the suction; prevent "flashing" of the ArcusStone material due to rapid moisture loss; avoid unwanted color variations; and to aid in bonding the ArcusStone materials to the substrate.

WATERPROOFING

- **Retaining walls**, constructed of concrete masonry units (CMU) and brick, must have either a waterproofing material applied to the back side of the wall prior to any back-fill of earth against the wall, or applied to the face of the wall. If applied to the face, the material must be non-asphalt based and compatible with the basecoat and ArcusStone finish.

NOTE! Please review the *Climatic / Environment Precautions Section for further details and information.*



Concrete Masonry and Brick

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.