

StoGuard® Waterproof Air Barrier Masonry Construction Horizontal Joint at Floorline

Date: April 2012

Static Joint

StoGuard transition membrane (Note 3)

StoGuard waterproof air barrier membrane (Note 2)

Movement Joint Option 1

StoGuard waterproof air barrier membrane wrapped into joint

Backer rod and compatible sealant

Movement Joint Option 2

StoGuard waterproof air barrier membrane

Backer rod in joint to support transition membrane but not restrict its movement

Compatible pre-cured silicone sealant tape or other compatible flexible membrane. Consult joint treatment manufacturer to confirm suitability for use at expansion joints.

Notes:

- 1] Prepare substrate in accordance with Sto Detail 21.00a, 21.00b or 21.00c.
- 2] Refer to Sto Details 21.00a, 21.00b or 21.00c for StoGuard waterproof air barrier membrane product options. All applications must be applied such that a void and pinhole free surface is achieved.
- 3] StoGuard Transition Membrane options:
 - A) StoGuard RapidSeal
 - B) Sto Gold Fill and StoGuard Mesh (top coated with StoGuard waterproof air barrier membrane)
 - C) StoGuard Tape (with StoGuard Fabric shingle lap)
- 4] Refer to Sto specifications and product bulletins for detailed information on substrates and Sto material options.

IMPORTANT: The number of coats and thickness of coating is highly dependent on CMU composition, unit weight (lightweight or normal weight), porosity, joint profile, and other variables that may exist. For irregular or "rough" CMU wall surfaces skim coat the entire wall surface with a Sto base coat, leveling or parging material to fill and level the surface prior to applying the waterproof air barrier membrane and transition materials. When a skim coat of the leveling material is to be applied only one coat of the waterproof air barrier membrane is typically required (refer to Sto Detail 21.00b). Use a site mock-up and site tests as the basis for the work.

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IMPORTANT: Components not identified as Sto are furnished by other manufacturers and are not necessarily installed by trades who install the Sto products. Refer to project specific contract documents.

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