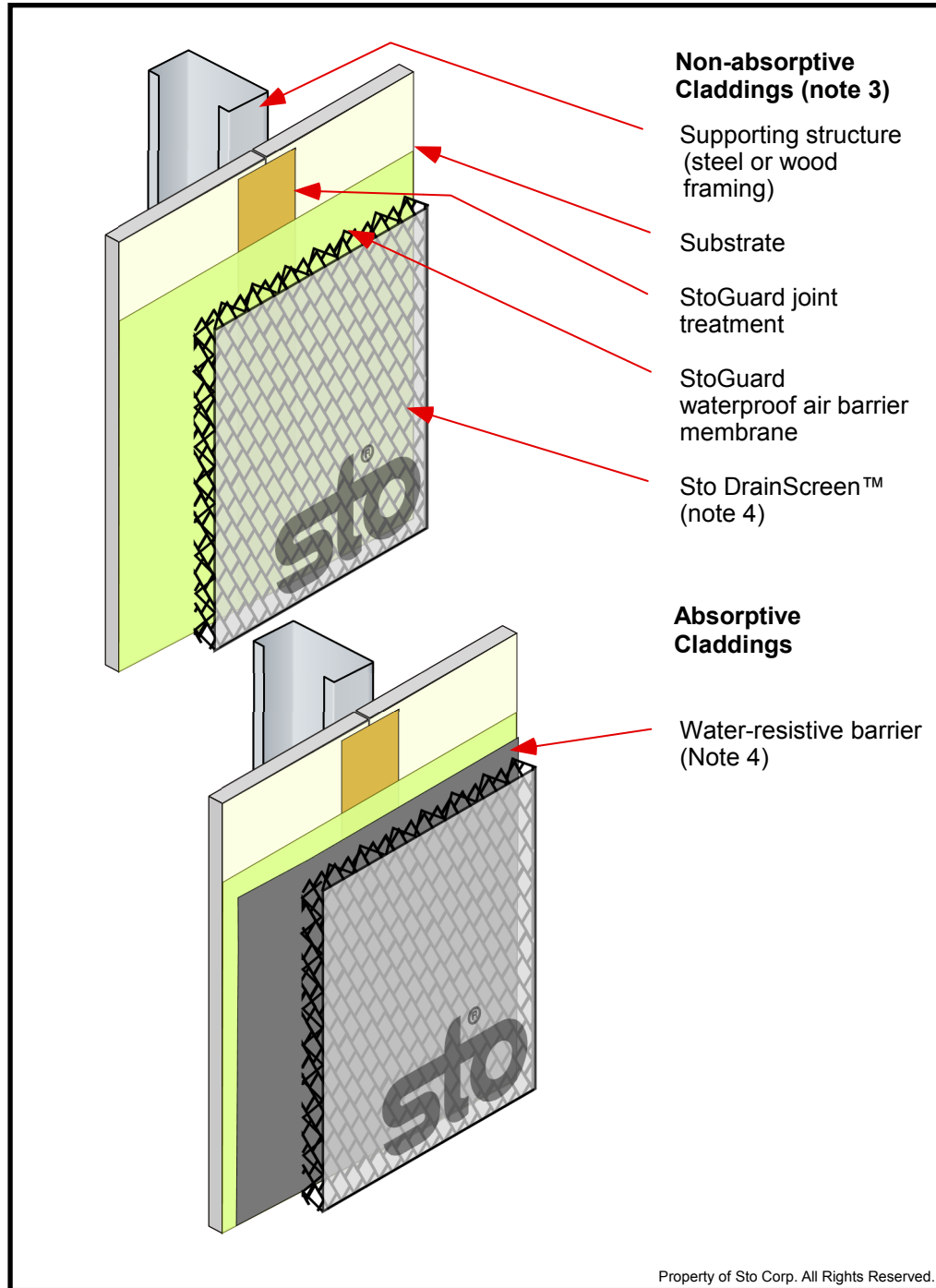


StoGuard® Waterproof Air Barrier Frame Construction

Sto DrainScreen™

Date: March 2014



Non-absorptive Claddings (note 3)

- Supporting structure (steel or wood framing)
- Substrate
- StoGuard joint treatment
- StoGuard waterproof air barrier membrane
- Sto DrainScreen™ (note 4)

Absorptive Claddings

- Water-resistive barrier (Note 4)

Notes:

- 1] StoGuard joint treatment options:
 - A) StoGuard RapidFill
 - B) Sto Gold Fill® with StoGuard Mesh joints $\leq 1/8"$ (3 mm) wide
 - C) StoGuard Fabric with StoGuard waterproof air barrier membrane joints $\leq 1/8"$ (3 mm) wide
 - D) StoGuard RapidSeal™ with StoGuard Mesh - joints $\leq 1/4"$ (6 mm) wide
- 2] StoGuard waterproof air barrier membrane options:
 - A) Sto EmeraldCoat®
 - B) StoGuard VaporSeal™
 - C) Sto AirSeal™
 - D) Sto Gold Coat®

(Use with StoTherm NExt EIF systems)
- 3] Examples of non-absorptive claddings include fiber-cement board, wood and vinyl siding, metal panel systems with sealed joints, and brick or stone cavity walls
- 4] Use Sto DrainScreen™ to create a cavity to promote drainage and drying of wall assemblies.
- 5] Water-resistive barrier, minimum #15 Grade D building paper, required behind portland cement stucco and adhered masonry veneer. For wood-based substrates use minimum 60-minute, Grade D paper when backed by Sto AirSeal™ or StoGuard VaporSeal™.
- 6] Refer to Sto specifications and product bulletins for detailed information on substrates and Sto material options.

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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