

July 16, 2015

Follow these tips to maximize bond between CCW sheet membranes and Securock®

Over the last few years, the prevalence of Securock® on commercial building projects has increased dramatically. The product, manufactured by USG, is one of the more popular glass-mat sheathings on the market thanks to the company's reputation for quality and service.

Securock is readily recognized by its brilliant green glass-mat facer. The textured facer has a "fuzzy" feel, and more aggressively absorbs CCW contact adhesive compared to other glass-mat facers. CCW membrane products have been installed successfully over millions of square feet of Securock and here are some lessons learned from these jobs:

- The increased porosity of the Securock® glass-mat facer requires a heavier application or multiple coats of contact adhesive (CCW-702, CCW-702 WB, CCW-702 LV) to promote adequate adhesion of CCW self-adhered membrane (CCW-705, CCW-705FR-A) and flashing (CCW-705-TWF).
- The heavier application and the high absorption rate of the contact adhesive into the Securock® glass-mat facer requires extended drying time, especially in cold weather. Application of CCW self-adhered flashing/membrane over wet contact adhesive results in poor bond strength and even de-lamination.
- To maximize bond strength and to prevent adhesion problems, CCW recommends using CAV-GRIP, a multi-purpose, low-VOC aerosol contact adhesive. CAV-GRIP adheres tenaciously and dries quickly when applied over glass-mat sheathings. CAV-GRIP has provided effective, easy surface preparation for installation of CCW sheet flashings/membranes on many projects. CCW strongly encourages using CAV-GRIP when CCW self-adhered flashings/membranes are specified over USG Securock®.

CCW's standard "bucket and roller" contact adhesives (CCW-702, CCW-702 WB, and CCW-702 LV) may still be used over USG Securock®. However, installers are responsible for ensuring these products are allowed enough time to properly dry. Drying time will vary with project conditions but, typically, the substrate is considered dry if no material transfers when a knuckle is pressed firmly into the substrate and no solvent odor remains. In addition to allowing thorough drying time, enough contact adhesive must be applied so that the surface still feels tacky after the adhesive has dried. If the adhesive has dried fully, but the surface has no tack, apply an additional coat and check for tack after drying.

CCW is not responsible for adhesive failures when CCW flashings/membranes are applied over wet contact adhesive. For project-specific instructions on the installation of CCW sheet flashing/membrane over USG Securock®, please contact technicalservices@carlisleccw.com or call the Technical Service phone line 888-229-2199.

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