

AVB Substrate Preparation

1.0 hour 1.0 AIA-HSW

****Preparation is key.**** This principle is essential in nearly every construction task we undertake. Ensuring that the foundation for any installation is properly prepared is crucial for the next phase of work. This preparation can involve concrete foundations, walls, wall openings, framing components, and substrates for exterior wall elements. Often, substrate preparation is the responsibility of other trades or even the designer through their specifications.

When it comes to waterproofing and air and vapor retarder installation, the quality of the surface on which these products will be applied is critical. It's vital to understand what proper surface preparation looks like in the field, as well as the specifications that should be followed to ensure installers have the best conditions for a successful installation on the first try.

This discussion will provide a detailed overview of various substrates and the relevant specification sections, equipping installers with the foundational knowledge they need to assess and confirm that the surface preparation meets the necessary standards for the next phase of installation.

Learning Objectives:

1. Understand what specification sections will translate to proper substrate preparation for the waterproofing and air & vapor retarder installation.
2. Learn the complexities of substrate materials and their installation techniques to provide the best substrate for the next in-sequence material installation needs.
3. Evaluate different waterproofing and air & vapor retarder systems and determine a list of substrate attributes necessary for proper installation and discussion with the General Contractor to set proper and timely expectations.
4. Be able to evaluate each substrate for preparation compliance and be able to clearly identify and express concerns before the start of the installation.