



This technical bulletin is intended to be read in conjunction with the Allura® Installation Manual dated January 2025. If a more current version of the Installation Manual or this technical bulletin is available, this version is no longer applicable.

WHAT IS EFFLORESCENCE

Efflorescence is a naturally occurring, white, powdery deposit that can appear on cement-based building materials including bricks, cement walls, grout, and fiber-cement. It is the result of a process in which moisture draws soluble solids to the surface, evaporates, and leaves a chalky substance behind.

Efflorescence occurs when all three (3) of the following conditions exist:

- Water-soluble solids are present in the building material.
- There is enough moisture in the wall to turn the soluble solids into a solution.
- There is a path for the soluble solids to get to the surface.

Proper installation per the Installation Manual is critical to reducing moisture intrusion and preventing efflorescence.

- Seal field cut edges with paint and caulk where applicable.
- Flash all openings per the Installation Manual.
- Don't over-drive nails or fasteners.
- Properly store all materials.
- Never install wet or damp products.

Note: Efflorescence may also be a sign of water intrusion behind the siding.

TREATING EFFLORESCENCE

Vinegar Solution: 1-part household white vinegar to 3-parts water (25% solution)

Most efflorescence can be removed using a diluted solution of household white vinegar and water.

1. Verify the soft bristled brush or sponge will not damage the painted surface.
2. Protect all areas not to be cleaned.
3. Spray all plants and vegetation with water before and after application of the solution.
4. Wet the surfaces to be cleaned with water and let stand for 5-10 minutes.
5. Saturate the surfaces to be cleaned with vinegar solution and let sit for 10 minutes.
6. Use a soft bristled brush or sponge to lightly scrub, taking care not to damage painted surfaces.
7. Thoroughly rinse the treated area, including plants and vegetation, with clean water, rinsing from the top down.
8. Repeat as necessary.

Note: Most efflorescence can be removed using a 25% vinegar-to-water solution, as necessary, a 33% (1-part vinegar to 2-parts water) to 50% (1-part vinegar to 1-part water) solution may be used.

This Technical Bulletin is provided for informational purposes and intended as a guideline and is not intended to be a warranty or promise as to product performance. Please refer to Allura's applicable written installation instructions and Limited Warranties for more information. Please comply with applicable building codes effective in the city, state, or town where the installation is occurring. In the event there are discrepancies between Allura's installation instruction and applicable building code, adhere to the requirement that is more stringent. Failure to do so may violate laws, affect product performance, result in personal injury, and may affect warranty coverage. Compliance with local building codes, regulations, and standards is the responsibility of the installer. Any information or assistance provided by Allura in relation to specific projects must be approved by the relevant specialists engaged for the project eg, builder, architect, or engineer.



CUT DUST & ALLURA SPECTRUM®

Never install wet or damp product. Never install product while it is actively precipitating (rain, sleet, snow, etc.)

Never leave cut dust on Allura Spectrum pre-finished products. Dry cut dust may be easily removed using a dry, soft cloth. Take care not to rub or apply pressure as this may damage the pre-finished surface.

If the surface of the board is wet during cutting, do not attempt to wipe away the cut dust, or subsequent slurry as this may damage the pre-finished surface. Gently remove using a soft cloth soaked in a solution of 1-part household white vinegar and 5-parts water (20% solution).

ADDITIONAL INFORMATION

For additional resources, including our most current installation instructions and code reports, please visit our website at www.allurausa.com. For technical services email technical.services@elementia.com or call 844.4.ALLURA.

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