

Cure Times and Installation Guidance for SlopeShield Plus SA Over Concrete Substrates

Overview

This technical bulletin outlines best practices for installing SlopeShield Plus SA over freshly poured concrete substrates. It includes guidance on acceptable installation timelines, post-installation considerations, and substrate readiness checks to support long-term roofing performance.

Installation Over Green Concrete

SlopeShield Plus SA may be installed over green concrete after a minimum of five days of cure time, as long as the surface is dry to the touch and meets all substrate preparation requirements described in VaproShield's installation guidelines. In the case of lightweight insulating concrete, substrate preparation includes priming the surface with sodium silicate approximately two days after the pour to lock in free lime and stabilize the surface chemistry.

Important Note Regarding Cure Time

It's important to note that SlopeShield Plus SA does not speed up the natural curing process of concrete. Proper curing must still take place to ensure substrate integrity and performance.

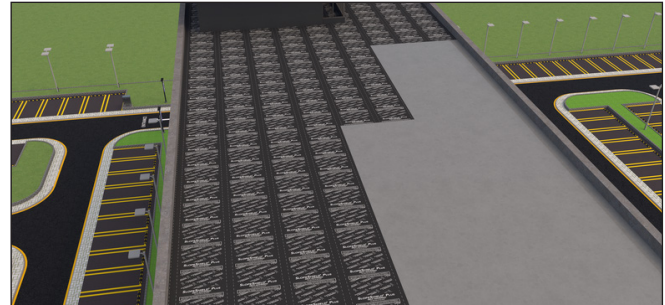
Post-Installation Cure Period

Once installed, SlopeShield Plus SA protects the concrete from external moisture while still allowing slab internal vapor to escape. VaproShield recommends following American Concrete Institute (ACI) guidelines for cure time.

Confirmation of Substrate Readiness

Before installing the final roof system, it is recommended that the project team confirm the substrate is adequately cured and ready for roofing. This **verification should come from the appropriate design professionals, such as the Architect of Record, Structural Engineer, or Authority Having Jurisdiction.** Ensuring that moisture levels, structural requirements, and surface conditions meet expectations is essential for the performance of the full roof assembly.

These guidelines are based on current field experience, best practices, and independent testing on concrete substrates.



Technical Support

For questions about specific project conditions or product applications, contact VaproShield Technical Services for additional guidance.