

Inspection Requirements for Siplast Guaranteed Roofs Covered with Overburden

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By policy, Siplast requires thorough visual inspection of roofing and flashing membranes, as well as other applicable components of the roofing or waterproofing system, prior to issuance of the Siplast guarantee. Issues with products and workmanship identified by a Siplast inspector are documented in the form of a punchlist submitted to the appropriate responsible party for correction. This simple inspection requirement can help to ensure long-term performance of the membrane system and reduce callbacks significantly.

For this reason, we are reiterating our long-standing inspection policy and clarifying its applicability to Siplast installations with overburden, such as ballasted protected membrane assemblies, vegetated roofs, plazas with pavers, walkway constructions, and similar configurations. **A final inspection of the completed waterproofing membrane and completion of all related punchlist items are required prior to installation of the overburden for projects to be eligible for a Siplast Guarantee.** Siplast roofing and waterproofing systems that have been covered with overburden prior to final inspection and completion of all post-installation remedial work **will not be eligible** for a Siplast Guarantee. In such circumstances one of the following remedies will be applicable in order for Siplast to issue the guarantee:

1. Any such overburden would have to be removed to the satisfaction of Siplast for proper inspection and correction of punchlist items.
2. The contractor may be required, at their expense, to hire a third party company that specializes in leak detection by means of electric field vector mapping (EFVM). A report summarizing the methodology and results of such testing must be provided to Siplast. The appropriateness of using EFVM in a particular circumstance is in part dependent on the type and construction of the overburden assembly and at the sole discretion of Siplast.
3. Remove the overburden system at all drainage outlets. Plug the drains and scuppers, and flood the waterproofing surface with water a minimum of 1 to 2 inches deep. Leave the water for a minimum of 24 hours to ensure the system is leak free. Precautions,

which may involve the services of a third-party engineer, must be taken to determine if the structure can hold the weight of the water for the duration of the test.

4. In addition to the above-listed options, Siplast may require that the installing contractor provide a letter to Siplast, which assumes full responsibility to remove and replace the overburden components in the event of a roof leak investigation during the full duration of the guarantee coverage period. The letter must be provided on the contractor's letterhead and signed by an officer of the company.

On projects where the overburden is part of the Siplast Guarantee, an additional final inspection must be completed following installation of the overburden, and any punchlist items corrected prior to issuance of the guarantee. For this reason, we recommend that sufficient advance notice be given to your local Siplast inspector in order to schedule the final inspection.

Please contact the Siplast Technical Department at 800-922-8800 should further clarification of this policy be required.

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