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Surface Substrate Drainage (Inspection and Test Procedure)

Objective: To verify that the substrate surface has proper drainage to prevent water accumulation and ensure effective waterproofing.

Inspection and Test Steps:

1. **Site Assessment:**
 - Evaluate the overall site layout and topography.
2. **Surface Slope:**
 - Check if the substrate has an adequate slope for water runoff.
3. **Drainage Points:**
 - Inspect the location and condition of existing drainage points.
4. **Gutter and Downspouts:**
 - Ensure gutters and downspouts are properly installed and functional.
5. **Surface Obstructions:**
 - Identify any obstructions that may hinder water flow.
6. **Testing (if required):**
 - Simulate water flow or conduct a water test to observe drainage efficiency.
7. **Water Flow Patterns:**
 - Evaluate how water flows across the substrate surface.
8. **Surface Elevation:**
 - Verify that the substrate elevation allows water to flow away from critical areas.
9. **Drainage Enhancements (if needed):**
 - Determine if additional drainage elements are necessary.
10. **Documentation:**
 - Record observations and any required corrective actions.

Test Report:

Date	Inspection Steps	Observations	Checked By
	Site Assessment		
	Surface Slope		
	Drainage Points		
	Gutter and Downspouts		
	Surface Obstructions		
	Testing (If Required)		
	Water Flow Patterns		
	Surface Elevation		
	Drainage Enhancement (If Needed)		
	Documentation		

Note: Proper substrate surface drainage is essential for effective waterproofing and preventing water damage. This inspection and test procedure helps identify any drainage issues that may compromise the waterproofing system's performance. Regular inspection and maintenance ensure long-lasting waterproofing protection.

