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Substrate Inspection Checklist for Waterproofing

Ensure effective waterproofing with our comprehensive substrate inspection checklist. Follow these steps to prepare your surface for waterproofing application.

Project:

Date:

Filled by:

Surface Cleanliness

1	Remove all loose debris and dust from the substrate using a broom or vacuum.
2	Wipe down the surface with a damp cloth to eliminate any remaining particles.
3	Apply a cleaning solution to remove oil or grease stains and rinse thoroughly.

Identifying Defects

4	Visually inspect the substrate for any cracks or surface damage.
5	Mark and document areas with defects that need repair.
6	Repair cracks and fill holes with appropriate materials.

Moisture Assessment

7	Use a moisture meter to check substrate moisture levels.
8	Ensure moisture content is within manufacturer-recommended limits.
9	If excess moisture is detected, implement drying measures.

Substrate Strength

10	Conduct strength tests to ensure substrate can support waterproofing.
11	Verify substrate material compatibility with waterproofing product.
12	Consult product specifications for substrate requirements.

Comments:

Filled by:

Signature:

Introduction	How to use this checklist
<p>Ensuring the substrate is properly prepared and inspected is crucial before applying any waterproofing materials. This checklist guides construction professionals through a comprehensive inspection process to identify potential issues that could compromise the waterproofing application. By following this checklist, you will enhance the longevity and effectiveness of the waterproofing layer, prevent costly repairs, and ensure the structural integrity of the building. Whether you are a site manager or an inspector, these steps will help you perform a thorough evaluation of the substrate, ensuring it is ready for the next phase of construction.</p>	<p>1. Prepare the area by clearing any construction materials or debris that might obstruct the inspection. 2. Follow each checklist item systematically, ensuring no steps are skipped for a thorough inspection. 3. Document findings meticulously, noting any issues, repairs needed, and actions taken. 4. Consult with a supervisor or project manager if any significant issues are identified that may require additional expertise. 5. Sign off the checklist only after all items are confirmed and any necessary corrections have been made.</p>