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## Planter Box Waterproofing (Inspection and Test Procedure)

### Project Information:

- Project Name:
- Date:
- Project Location:
- Planter Box Type:

**Objective:** The planter box waterproofing inspection and test procedure aim to confirm the successful installation and functionality of the waterproofing system in planter boxes. This procedure ensures that the planter boxes are effectively shielded against water infiltration, safeguarding surrounding areas from potential water damage.

### Materials and Tools:

- Flashlight or Inspection Light
- Water Hose
- Spray Bottle with Water and Soap Solution
- Moisture Meter (optional)

### Test Procedure:

1. **Visual Inspection:**
  - Inspect the planter box interior and exterior for visible cracks, gaps, or defects that may compromise the waterproofing.
  - Check for moisture, mold, or discoloration.
2. **Waterproofing Material Review:**
  - Review the type of waterproofing material applied to the planter box.
  - Verify its suitability for the planter box construction and environmental conditions.
3. **Seam and Joint Inspection:**
  - Examine seams and joints of the waterproofing membrane.
  - Ensure proper sealing, overlaps, and absence of gaps.
4. **Drainage System Inspection:**
  - Inspect the planter box drainage system, including weep holes and drainage outlets.
  - Confirm proper functionality and absence of blockages.
5. **Splash Zone Inspection:**
  - Focus on the lower portion of the planter box (splash zone) prone to water exposure.
  - Evaluate additional waterproofing needs.
6. **Waterproofing Flood Test:**
  - Conduct a flood test by pouring water into the planter box to simulate heavy rain.
  - Observe for water penetration or leaks.
7. **Soap Solution Test:**
  - Apply a soap solution to seams and joints to detect air leaks.
  - Look for bubble formation indicating potential leaks.
8. **Moisture Detection (Optional):**
  - If available, use a moisture meter to measure moisture content in planter box materials.
  - Elevated levels suggest inadequate waterproofing.
9. **Visual Assessment After Test:**
  - After tests, re-inspect the planter box for changes, watermarks, or signs of leakage.
10. **Approval and Sign-Off:**
  - Once planter box waterproofing passes all tests, approve and sign off by project supervisor or relevant authority.

**Inspection and Test Report:**

Inspection Point	Checked By	Date	Comments/Corrections
Visual Inspection			
Waterproofing Material Review			
Seam and Joint Inspection			
Drainage System Inspection			
Splash Zone Inspection			
Waterproofing Flood Test			
Soap Solution Test			
Moisture Detection (Optional)			
Visual Assessment After Test			

**Approval and Sign-Off:**

I, [ \_\_\_\_\_ ], confirm that I have inspected the planter box waterproofing as per the above checklist, and all necessary steps have been taken to ensure proper installation of the waterproofing system. The planter box waterproofing has been completed in compliance with industry standards and manufacturer's recommendations.

Project Supervisor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Photos Confirmation:**

I, [ \_\_\_\_\_ ], confirm that I will provide photos as evidence of the completed waterproofing work on the planter box.

Project Supervisor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Applicator's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Note:** This checklist serves as a reference for ensuring proper planter box waterproofing during construction. It should be signed and initialed by the involved parties upon completion of each step. Additionally, the project supervisor must confirm the provision of photos as evidence of the completed work.