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Homeowner Waterproofing (Checklist) for Balconies

This checklist is designed to ensure that proper waterproofing measures are implemented during the construction of your balcony. It should be completed and signed by the builder to confirm that the necessary waterproofing steps have been followed in compliance with industry standards.

Project Details:

- Project Name:
- Builder's Name:
- Homeowner's Name:
- Balcony Location:

Waterproofing Inspection and Test Procedure:

1. **Surface Preparation:**
 - Verify that the balcony surface is clean, dry, and free from any debris or contaminants.
2. **Substrate Inspection:**
 - Confirm that the balcony substrate is level, even, and free from any cracks or defects.
3. **Surface Drainage:**
 - Check that the balcony has proper surface slope and drainage to prevent water pooling.
4. **Drainage Outlets:**
 - Ensure that drainage outlets are installed and positioned correctly to allow water runoff.
5. **Waterproofing Membrane:**
 - Inspect the application of the waterproofing membrane on the entire balcony surface, including upturns and junctions.
6. **Membrane Overlaps:**
 - Verify that the waterproofing membrane overlaps are in accordance with the manufacturer's recommendations.
7. **Penetrations and Protrusions:**
 - Confirm that all penetrations, such as railing posts and structural elements, are adequately sealed.
8. **Water Testing:**
 - Perform a flood test to check the effectiveness of the waterproofing system. (See atech's flood test)
9. **Balcony Edges:**
 - Ensure that the edges of the balcony are adequately sealed to prevent water ingress.
10. **Flashings and Water Stops:**
 - Check that flashings and water stops are correctly installed and provide a watertight seal.
11. **Tile Adhesive Compatibility:**
 - Confirm that the tile adhesive used is compatible with the waterproofing system.
12. **Expansion Joints:**
 - Verify that appropriate expansion joints are in place to accommodate movement.

Builder's Confirmation and Signature:

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

Builder's Signature: _____ **Date:** _____

Homeowner's Signature: _____ **Date:** _____

Photos Confirmation:

I, [_____], confirm that I have provided photos as evidence of the completed waterproofing work on the balcony.

Builder's Signature: _____ **Date:** _____

Homeowner's Signature: _____ **Date:** _____

Note: This checklist serves as a reference for homeowners to ensure that proper waterproofing measures are taken during the construction of their balcony. It should be signed by the builder upon completion of the waterproofing process.