



# Foundation Waterproofing Installation Checklist

## Pre-Installation Assessment & Preparation

Tasks to be completed prior to any waterproofing material application, ensuring the foundation is ready for treatment.

### Site Inspection Date

### Detailed Site Conditions Report

### Foundation Elevation (ft)



### Soil Type

- ☐ Clay
- ☐ Sand
- ☐ Silt
- ☐ Gravel
- ☐ Loam
- ☐ Other

### Existing Drainage Assessment (if applicable)

Write something...

### Previous Waterproofing Systems (if any)

- ☐ None
- ☐ Bituminous Coating
- ☐ Membrane
- ☐ Other

### Site Survey/Topography Map

 Upload File

### Contractor License Number

Write something...

## Surface Preparation



Details of how the foundation surface is prepared to ensure proper adhesion and performance of the waterproofing system.

**Existing Condition Description**

Write something...

**Surface Contaminants Present (Check All That Apply)**

- ☐ Dirt/Debris
- ☐ Oil/Grease
- ☐ Mold/Mildew
- ☐ Efflorescence
- ☐ Existing Coatings
- ☐ Other (Specify in Long Text)

**Describe Remediation Steps for Contaminants**

Write something...

**Surface Roughness (SPI Value)**

Enter a number...

**Surface Preparation Method Used**

- ☐ Brush Cleaning
- ☐ Pressure Washing
- ☐ Grinding
- ☐ Other (Specify in Long Text)



## Photographic Evidence of Prepared Surface

 Upload File

## Moisture Content of Surface

- ☐ Dry
- ☐ Slightly Damp
- ☐ Damp
- ☐ Wet
- ☐ N/A

# Waterproofing Membrane Application

Step-by-step instructions and verification points for the application of the chosen waterproofing membrane.

## Ambient Temperature During Application (Fahrenheit)

Enter a number...

## Surface Temperature During Application (Fahrenheit)

Enter a number...

## Application Method

- ☐ Spray Applied
- ☐ Roller Applied
- ☐ Brush Applied



### Coating Thickness (Dry Film Thickness, mils)

Enter a number...

### Detailed Notes on Application Process (e.g., any deviations from manufacturer's instructions)

Write something...

### Photographic Evidence of Membrane Application (Multiple Images)

 Upload File

### Membrane Coverage (Full/Partial)

☐

Full

☐

Partial

### Describe any observed defects or irregularities during application

Write something...

## Joint & Crack Treatment

Specific procedures for addressing and waterproofing joints, cracks, and other vulnerable areas.



### Crack Width Assessment (inches)

- ☐ < 1/8
- ☐ 1/8 - 1/4
- ☐ 1/4 - 1/2
- ☐ > 1/2

### Crack Treatment Method

- ☐ Epoxy Injection
- ☐ Polyurethane Foam
- ☐ Hydraulic Cement
- ☐ Flexible Sealant
- ☐ Other (Specify in LONG\_TEXT)

### If 'Other' Treatment Method Selected, Please Specify:

Write something...

### Depth of Crack Treatment (inches)

Enter a number...

### Photo Documentation of Crack Treatment

 Upload File



### Joint Type

- ☐ Control Joint
- ☐ Construction Joint
- ☐ Expansion Joint
- ☐ Other

### Notes on Joint Treatment (if 'Other' selected)

Write something...

## Drainage System Installation

Verification of proper drainage system components and their installation related to the waterproofing efforts.

### Drainage System Type

- ☐ Perimeter Drain with Gravel
- ☐ French Drain
- ☐ Dimple Board System
- ☐ Other (Specify in Long Text)

### Gravel Depth (inches)

Enter a number...

### Drain Pipe Diameter (inches)

Enter a number...



### Description of Drainage Slope and Route


Write something...

### Filter Fabric Used?

☐ Yes

☐ No

### Photo of Drain Pipe Installation

 Upload File

### Outlet Discharge Point Confirmed?

☐ Yes

☐ No

### Comments on Drainage System Installation (if any)

Write something...

## Protection & Backfilling

Ensuring the waterproofing system is protected during backfilling and subsequent construction phases.



### Description of Protective Layer Installation (e.g., geotextile, sand)

Write something...

### Minimum Protective Layer Thickness (inches)

Enter a number...

### Backfill Material Type

- ☐ Clean Sand
- ☐ Gravel
- ☐ Other (Specify)

### Notes regarding compaction of backfill material.

Write something...

### Date of Backfilling Completion

Enter date...

### Backfill Compaction Method


- ☐ Hand Compaction
- ☐ Plate Compactor
- ☐ Roller
- ☐ Other (Specify)



### Any observed issues during backfilling (e.g., water intrusion)

Write something...

### Photos of Backfilled Area (pre & post)

 Upload File

## Quality Control & Documentation

Records of inspections, tests, and materials used to confirm the installation meets specified standards.

### Date of Waterproofing Installation

Enter date...

### Ambient Temperature During Installation (°C/°F)

Enter a number...

### Substrate Temperature During Installation (°C/°F)

Enter a number...

### Description of Weather Conditions During Installation

Write something...



### Waterproofing Membrane Manufacturer

- ☐ Manufacturer A
- ☐ Manufacturer B
- ☐ Manufacturer C
- ☐ Other (Specify)

### Waterproofing Membrane Type

- ☐ Bituminous
- ☐ Polyurethane
- ☐ Cementitious
- ☐ Other (Specify)

### Photos of Waterproofing Installation (Before/During/After)

 Upload File

### Detailed Notes/Observations During Quality Checks

Write something...

### Inspection Status

- ☐ Passed
- ☐ Failed
- ☐ Needs Revision

### Inspector Signature