

Concrete Surface Preparation Method Statement

1. Purpose

This Method Statement outlines procedures to be adopted for the surface preparation of concrete prior to the application of protective coatings or other finishing works.

2. Scope

This document covers the standard process for preparing concrete surfaces in accordance with project requirements.

3. Responsibilities

- Site Engineer: Supervise and ensure preparation is as per this method statement.
- Site Supervisor: Manage workforce and report issues.
- Workers: Carry out work safely and as instructed.

4. References

- Project Specifications
- Drawings
- Relevant Codes and Standards

5. Tools & Equipment

- Wire brushes/scrapers
- Grinding machine
- Vacuum cleaner or compressed air
- Water jetting equipment
- PPE (Gloves, Goggles, Dust mask, etc.)

6. Procedure

1. Inspect the concrete surface to confirm it is free from standing water and excessive laitance.
2. Remove loose materials, dirt, oil, and grease using appropriate equipment.
3. Where required, grind or scarify the surface to achieve the desired profile.
4. Clean all dust and debris using a vacuum cleaner or compressed air.
5. Perform surface moisture and pH-level tests as necessary.
6. Protect prepared surfaces from re-contamination until further work commences.

7. Safety

- All personnel shall wear recommended PPE.
- Ensure area is well ventilated during surface preparation.
- Observe safe work procedures at all times.

8. Inspection & Testing

The prepared surface shall be inspected and tested for:

- Cleanliness and dryness
- Surface profile
- Absence of contaminants

9. Records

Complete the necessary inspection checklists and store them with project documentation.

Activity	Date	Inspector	Remarks

10. Attachments

- Surface Preparation Inspection Checklist
- PPE Usage Guidelines