



Foundation Curing Procedures Checklist

Pre-Curing Assessment

Initial checks and conditions before curing begins.

Pour Date

Concrete Mix Design Strength (PSI)

Ambient Temperature (°C/°F) at Pour

Concrete Temperature (°C/°F) at Placement

Concrete Finish Type

- ☐ Smooth
- ☐ Broom Finish
- ☐ Exposed Aggregate
- ☐ Other

Surface Condition Notes (e.g., damp, dry, contamination)

Write something...

Moisture Content of Subgrade (Prior to Pour)

- ☐ Dry
- ☐ Slightly Damp
- ☐ Damp
- ☐ Wet

Any Observed Anomalies or Concerns (e.g., bleed water, segregation)

Write something...

Curing Method Selection & Preparation

Details regarding the chosen curing method and its preparation.

Curing Method Selected

- ☐ Water Curing (Ponding/Spraying/Soaking)
- ☐ Membrane Curing Compound
- ☐ Plastic Sheeting
- ☐ Other (Specify)

If 'Other' curing method selected, please specify:

Write something...

Curing Compound Application Rate (if applicable)

Enter a number...

Curing Compound Manufacturer and Product Name (if applicable)

Write something...

Date of Curing Method Selection

Enter date...

Preparation Steps Before Curing (e.g., surface cleaning)

Write something...

Curing Application & Monitoring

Activities performed during the curing process and observation of relevant parameters.

Start Curing Time

Curing Method Applied

- ☐ Water Ponding
- ☐ Wet Burlap
- ☐ Curing Compound
- ☐ Other (Specify)

Details of 'Other' Curing Method (if applicable)

Write something...

Ambient Temperature (°C)

Enter a number...

Concrete Surface Temperature (°C)

Enter a number...

Concrete Humidity (%)

Enter a number...

Time of Next Monitoring

Observations During Curing (e.g., cracking, unevenness)

Write something...

Water application rate (liters/m²/hour)

Enter a number...

Curing compound type (if applicable)

- ☐ Type 1
- ☐ Type 2
- ☐ Type 3
- ☐ Not applicable

Environmental Conditions

Record of environmental factors impacting the curing process.

Curing Start Date

Enter date...

Curing Start Time

Ambient Temperature (°C/°F)

Enter a number...

Concrete Surface Temperature (°C/°F)

Enter a number...

Relative Humidity (%)

Enter a number...

Wind Speed (km/h or mph)

Enter a number...

Weather Conditions (e.g., sunny, cloudy, rainy)

Write something...

Sun Exposure

- ☐ Full Sun
- ☐ Partial Shade
- ☐ Full Shade

Documentation & Sign-Off

Ensuring proper records are kept and confirming curing completion.

Curing Start Date

Enter date...

Curing End Date

Enter date...

Curing Duration (Days)

Enter a number...

Curing Method Used (Detailed Description)

Write something...

Curing Performance Assessment (Satisfactory/Unsatisfactory)

- ☐ Satisfactory
- ☐ Unsatisfactory

Observations/Remarks (If Unsatisfactory, provide details)

Write something...

Curing Technician Signature

Quality Control Inspector Signature

Corrective Actions Taken (if applicable)

Write something...