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|  | | | | | **Illinois Test Procedure SCC-2 Checklist**  **Slump Flow and Stability of Self-Consolidating Concrete** | | | | | |
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| The following is a summary checklist of the key steps involved in testing the slump flow and stability of freshly mixed self-consolidating concrete (SCC). | | | | | | | | | | |
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| **Did the tester:** | | |  | | | | | **YES** | **NO** |  |
|  | | | | | | | | | | |
| 1. | Dampen the slump cone, tamping rod or strike-off bar, and base plate? | | | | | | |  |  |  |
|  | | | | | | | | | | |
| 2. | Place the cone’s smaller diameter opening in the middle of the base plate? | | | | | | |  |  |  |
|  | | | | | | | | | | |
| 3. | Fill the cone in one lift without vibration, rodding, or tapping? | | | | | | |  |  |  |
|  | | | | | | | | | | |
| 4. | Strike off the concrete level with the top of the cone using the tamping rod or strike-off bar? | | | | | | |  |  |  |
|  | | | | | | | | | | |
| 5. | Remove surplus concrete from around the base of the mold and base plate surface? | | | | | | |  |  |  |
|  | | | | | | | | | | |
| 6. | Raise the cone vertically 9 ± 3 in. (225 ± 75 mm) in one smooth motion, without lateral or torsional motion, in 3 ± 1 seconds? | | | | | | |  |  |  |
|  | | | | | | | | | | |
| 7. | Perform the test from start to raising of the cone within 2.5 minutes? | | | | | | |  |  |  |
|  | | | | | | | | | | |
| 8. | Measure the slump flow’s maximum diameter and measure the diameter perpendicular to the maximum to the nearest 0.5 in. (10 mm)? | | | | | | |  |  |  |
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| 9. | Rate the stability of the SCC according to the Visual Stability Index (VSI)? | | | | | | |  |  |  |
|  | | | | | | | | | | |
| Tester: | |  | | Observer: | |  | Date: | |  | |
|  | | | | | | | | | | |
| REMARKS: | |  | | | | | | | | |
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