

Lecture 2.14: Methods of finishing of fresh concrete, Laitance & its removal.

Concrete Technology (DI04006011)

Civil Engineering Department

Lecture Agenda

- 1. Methods of finishing of fresh concrete, Laitance & its removal.
- 2. Summary and Q&A

2.7 Methods of finishing of fresh concrete, ...

- Screeding: Striking off excess concrete to bring the surface to the proper grade.
- Floating: Removing irregularities and compacting the surface using wooden or metal floats.
- Troweling: Final step to produce a smooth, hard, dense surface (done after surface moisture evaporates).
- Laitance: A weak layer of cement and fine dust that forms on the surface due to bleeding.
- Removal of laitance: Essential for good bond in subsequent lifts; removed by brushing or water jet.

Summary

- Recap of the specific material properties and methods discussed.
- Always refer back to the standard IS codes for parameter limits.