



**ROCKCRETE**

**EQUIPMENT (PTY) LTD**

Company Reg. No: 1947/024677/07

**SLUMP TEST**

# Slump Test



# Flow Table

Measures the workability of the shotcrete

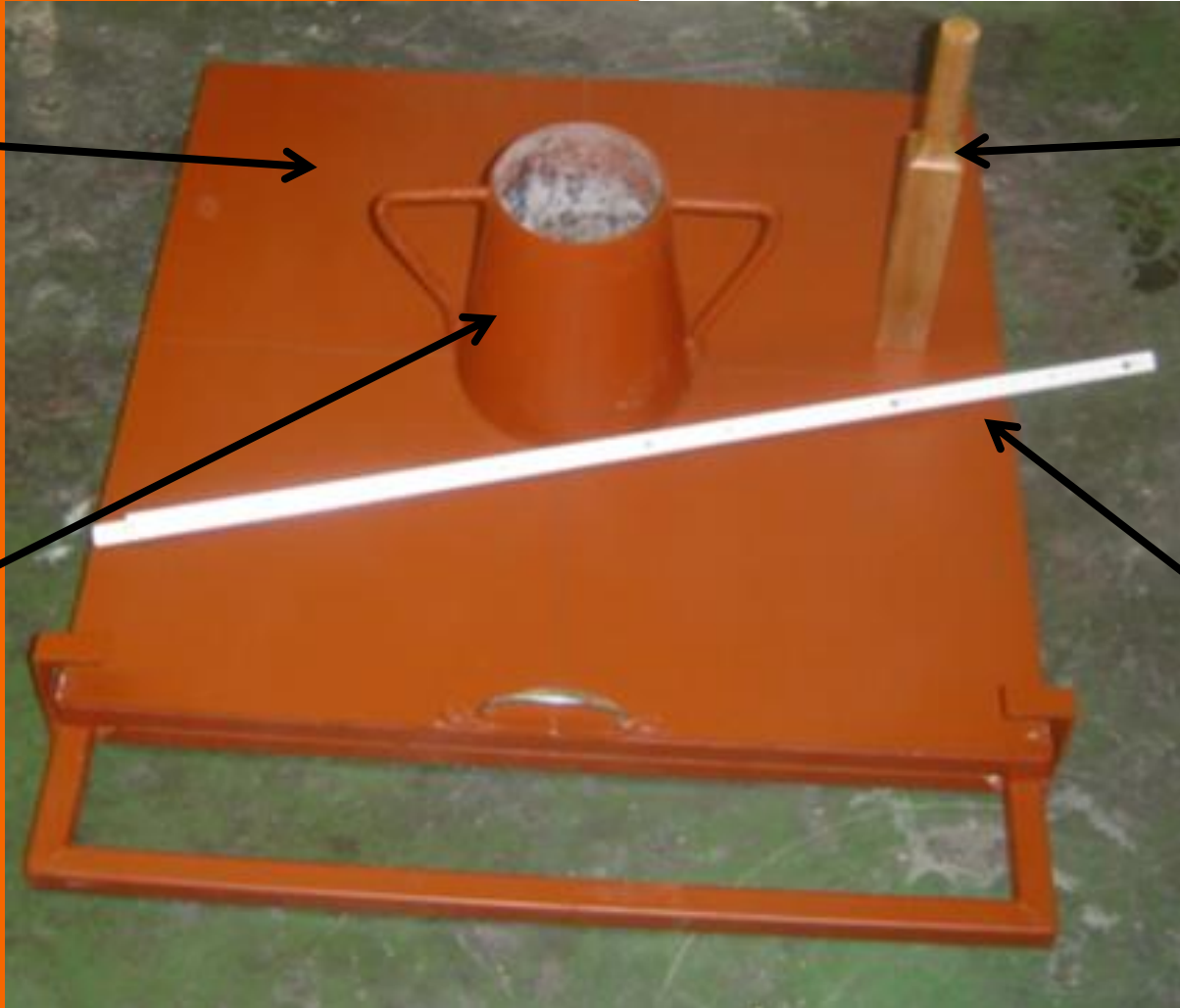
## Equipment:

- Flow table
- Flow cone
- Tamping rod
- Measuring tape

# Slump Test

Flow  
Table

Flow  
Cone



Tamping  
Stick

Measuring  
Tape

# Method

- 1. After batching is completed, a sample is taken.**
- 2. Flow table to be laid down on a flat surface and cleaned with a damp cloth.**
- 3. Flow cone to be placed in center of flow table and held down firmly.**
- 4. Fill cone halfway and tamp 10 times.**
- 5. Fill the cone to the brim and tamp 10 times again.**
- 6. Remove excess shotcrete.**
- 7. Slowly lift the cone.**
- 8. Measure top of concrete to top of cone.**

# Step 1



**Center Flow Cone on Flow Table and press down firmly**

# Step 2



**Half Fill Flow Cone**

# Step 3



**Tamp (10 Times) with tamping Stick**



# Step 4



**Fill Flow Cone to the top**

# Step 5



**Tamp 10 times with Tamping Stick**

# Step 6



**Screed off** and **remove all spillage** from Flow Table

# Step 6 (continue)



**Clean Flow Table Spillage**

# Step 7



**Remove Flow Cone in one even lift**

# Step 8

Measure



# Slump or Flow test results

- Passed to driver and batcher in order that they can maintain the correct workability
- Are used in the quality control process in conjunction with cube results

# Remember

- Passed to driver and batcher in order that they can maintain the correct workability
- Are used in the quality control process in conjunction with cube results