

Outline
 Objectives Related Procedures
 Scope/Summary Test Method/Significance and Use Apparatus Brocodure Manual Visat
 Procedure Manual Vicat Procedure Automatic Vicat Calculation
 Understand Limitations of Procedure
www.CTLGroup.com















ww.CTLGroup.com

- This test method provides a means of determining compliance with a specification limit for Vicat time of setting.
- Time of setting measured by this method *will not necessarily provide the same results* as the time of setting by other methods.

CTLGROUP















Method A – Manual Vicat Needle Apparatus

 Molding the test specimen

w.CTLGroup.com

 Press the ball into the larger end of the conical ring, completely filling the ring with paste



CTLGROUP



Method A – Manual Vicat Needle Apparatus

 Molding the test specimen

w.CTLGroup.com

 Place the ring on its larger end onto the non-absorptive plate





Method A – Manual Vicat Needle Apparatus

 Molding the test specimen

w.CTLGroup.com

- Smooth the top of the specimen with one or two light touches of the pointed end of the trowel
- During the operation of cutting and smoothing take care not to compress the paste























