

Frequently Asked Questions

What is the difference between **Set Time & Working Time?**

Set time and working time for cementitious materials are quite different.

Set time is defined as the degree of stiffening of the cementitious mixture such that it resists the penetration of a weighted needle to a pre-determined depth (i.e., well past the flowable state).

Working time is the period the grout can be placed after mixing (i.e., still in a flowable form) and is estimated by performing consistency tests at intervals after completion of mixing.

The consistency of the grout towards the end of its working time will be stiffer than when initially mixed.

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Working time is <u>always</u> less than set time.

ACI 351 states "the results from time-of-setting tests should not be used as an indication of working time of a grout."



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