

CEMENT > WORKABILITY & CONSISTENCY

VICAT APPARATUS

Code : C090



- Used to determine the normal consistency of hydraulic cement.
- The reaction between cement and water is the primary cause of the setting of concrete. The setting time for cement and concrete is determined using the Vicat Apparatus.
- By measuring the setting time for concrete/cement via the penetration resistance method (Vicat Apparatus), the time the concrete/cement can stay fresh can be determined. This time indicates the period the mix can stay in the mixer before pouring it into the moulds/frameworks.

STANDARDS

ASTM C187 • ASTM C191 • EN 196-3

TECHNICAL SPECIFICATIONS

Standard	ASTM C187 - C191	EN 196-3
Movable rod weight	300 g	300 g
Vicat Mould	Ø 60 / Ø 70 mm x 40 mm	Ø 70 / Ø 80 mm x 40 mm
Needle	Ø 1 mm	Ø 1.13 mm
Consistency Plunger	Ø 10 mm	Ø 10 mm
Container		
Thermometer		
Glass Plate		

ORDERING INFORMATION

Item	Code
VICAT APPARATUS - ASTM	C090H00AH
VICAT APPARATUS - EN	C090H00EH
AUTOMATIC VICAT APPARATUS - ASTM	C090A00AH
AUTOMATIC VICAT APPARATUS - EN	C090A00EU
VICAT MOULD - ASTM	C090P001H
VICAT MOULD - EN	C090P002H
VICAT INITIAL SETTING TIME NEEDLE - ASTM	C090P003H
VICAT INITIAL SETTING TIME NEEDLE - EN	C090P004H
VICAT FINAL SETTING TIME NEEDLE - EN	C090P006H
CONICAL PENETRATION NEEDLE - EN 13279-2	C090P007H
VICAT WEIGHT - 700 g	C090P008H
CONSISTENCY PLUNGER for VICAT APPARATUS - Ø 10 mm	C090P009H

OTHER PHOTOS

