AGGREGATE

Sand Absorption Cone Set (Abraham Cone)



The Sand Absorption Cone Set (Abraham Cone) is designed for the determination of the specific gravity and water absorption of fine aggregates with a maximum particle size of 10 mm, in accordance with the requirements of the applicable international testing standards. The apparatus is also used to determine the Saturated Surface Dry (SSD) condition of fine aggregates prior to testing.

The set consists of a precision-manufactured Abraham cone and a tamping rod. The cone is manufactured from corrosion-resistant plated steel to ensure long service life and reliable performance under laboratory conditions. The cone has an upper internal diameter of 40 mm, a lower internal diameter of 90 mm, and a height of 75 mm. The tamping rod features a 25 mm diameter flat base and weighs approximately 340 g, complying with the dimensional requirements of the relevant testing standards.

Related Standards

EN 1097-6, BS 812-2, UNI 8520-13-16, ASTM C128, NLT 154, DIN 12039

You May Also Be Interested In



Sand Equivalent Test Set

PAG-404



Grid Sieve Sets (Flakiness Index Sieve EN)

PAG-410



Aggregate Crushing Value Apparatus (ACV)

PAG-414

Review Product on Our Website

To access up-to-date technical details, images, and documentation for this product, you can scan the QR code on the right using your smartphone camera or visit our website directly.