

A070

Flakiness/thickness gauge

STANDARD: BS 812

To verify if aggregate is flaky; i.e. if its thickness is less than 0,6 of its nominal size. Constructed of heavy gauge stainless steel sheet.
Weight: 600 g



A072

Shape gauge - Shape index

STANDARDS: EN 933-4, 933-5, 933-7 / DIN 4226 / CNR N.95
NLT 354

For measuring the length/thickness ratio of individual particles.
Weight 500 g.



Geometrical properties of aggregates Determination of the efflux index of fine aggregates.

STANDARDS: EN 933-6 / NF P18-564 / CNR No. 113
ASTM C1252

A073

Efflux index apparatus

Used to measure the efflux index of fine aggregates (shape and angularity), having dimensions up to 4 mm. The efflux index of an aggregate is the required time in seconds of a known volume of aggregates to flow from a known opening.

The unit is basically formed by a container, two polycarbonate funnels having 85 mm height, 60° conical part, which end has dia. 12 or 16 mm., base support, valve, decanter.

Dimensions: 200 x 240 xh 600 mm. Weight : 8 kg approx.



A073

A071

Length gauge

STANDARD: BS 812

To determine if aggregate is elongated; i.e. if length is more than 1,8 of nominal size. Mounted on a hardwood base.
Weight: 1 kg

Lightweight aggregates

Crushing resistance determination

STANDARD: EN 13055-1 method 1 and 2

MODELS:

A081-01 method 1

Apparatus for the determination of the crushing resistance of lightweight aggregates having diameter from 4 to 22 mm, and volumic mass over 150kg/m³, composed by: upper and lower cylinder inside diameter 113 mm, ring with adjustable height, piston, base. Made of steel, plated against corrosion.

Dimensions: 180 mm dia. by 260 mm height

Weight : 15 kg approx.

A081-02 method 2

Apparatus for the determination of the crushing resistance of lightweight aggregates having volumic mass lower than 150kg/m³, composed by: upper and lower cylinder inside diameter 76 mm, piston, base.

Made of steel, plated against corrosion.

Dimensions: 100 mm dia. by 200 mm height.

Weight: 6 kg approx.



A081-01

NOTE:

To carry out this test a Servotronic testing machine equipped with Servotrain (see pag. 165) is needed.

