

Tests for thermal and weathering properties of aggregates
Determination of resistance to freezing and thawing

STANDARDS: EN 1367-1 / EN 932-5

It gives the needed informations on the aggregates subject to freeze and thaw test cycles.

The cold stress on aggregates depends from the saturation degree of the water and from the freeze percentage. The test can be performed on aggregates having dimensions from 4 to 63 mm.

AI03-I0

Container, stainless steel made, having nominal capacity of 2000 ml.

Supplied complete with stainless steel cover:

Weight: 600 g approx.

AI03-II

Ballast for the test container, plated steel made, used for tests on lightweight aggregates.

Weight: 2 kg approx.

NOTE: To perform the test sieves with different openings according to the dimensions of the aggregates are also requested


Magnesium sulphate test

Tests for thermal and weathering properties of aggregates.

STANDARDS: EN 1367-2, also comparable to ASTM C88
 UNE 7136 / UNI 8520-10



AI03 BASKET, stainless steel mesh, 120 mm dia. x 160mm high, 3,35 mm opening

AI03-01  BASKET, stainless steel mesh, 95 mm dia. x 120mm high, 1.18 mm opening

AI03-02  BASKET, stainless steel mesh, 95 mm dia. x 120mm high, 0.600 mm opening

AI03-03  BASKET, stainless steel mesh, 65 mm dia. x 80mm high, 0,150 mm opening

VI72-05 HYDROMETER, calibrated at 20°C, range 1200 – 1300 g/ml., accuracy 0,001 g/ml

VI25-03 CONTAINER, tinned steel with airtight lid, 200 mm dia. x 200 mm high.



Determination of the behaviour and resistance to freezing and thawing of aggregates

STANDARDS: EN 1367-1 / CNR N° 80 / UNI 8520-20
 BS 812:124 / ASTM C671, C682

C313

Climatic chamber, 700 litres capacity

Temperature range -25+70°C.

Humidity range 10 to 90%

With programmable test cycles.

Technical details and other models described in section "C"

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C348N *

Rock and masonry saw

It accepts blades up to dia. 400 mm.

Useful cutting height: 115 mm

ACCESSORIES:

C350-I3 Diamond blade dia. 350 mm

C352 Device to clamp cylinders and cores

C353 Device to clamp irregular shaped specimens

* NOTE:

Technical details and other saw models described in Section "C"
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