

AGGREGATE IMPACT VALUE (AIV) (R220)

Category: Aggregate



Product Code: R220

Category: AGGREGATE

Sub-Category: PHYSICAL PROPERTIES

- Used to determine the aggregate impact value (AIV) which gives a relative measure of the resistance of an aggregate to sudden shock or impact.

- Two procedures are described, one in which the aggregate is tested in a dry condition, and the other in a soaked condition.
 - The methods are applicable to aggregates passing at 14.00 mm test sieve and retained on a 10.0 mm test sieve.
 - Aggregate sizes larger than 14.00 mm are not appropriate to the aggregate impact value test.
 - A test specimen is compacted, in a standardized manner, into an open steel cup. The specimen is then subjected to a number of standard impacts from a dropping weight.
 - This action breaks the aggregate to a degree which is dependent on the impact resistance of the material. This degree is assessed by a sieving test on the impacted specimen and is taken as the aggregate impact value (AIV).
 - The set is made of a heavy-duty, corrosion-resistant steel to resist the impacts during the test.
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STANDARDS

BS 812-112

EQUIPPED WITH

- Blow counter
- Hammer release mechanism

SUPPLIED WITH

- Cylindrical measure (Ø 75 mm x 50 mm)
- Tamping Rod

ORDERING INFORMATION

Code	Item
R 220 X00B H	AGGREGATE IMPACT VALUE (AIV)

Keywords: