

ABRASION TESTER for NATURAL STONES and CONCRETE TILES

Code : R197



- Used to determine the abrasion-resistance of the natural stones and tiles. The test is carried out by abrading the face of a specimen which will be exposed in use with an abrasive material under standard conditions.
- The abrasive required for this test is corundum (white fused alumina) with grit size of 80 in accordance with standard FEPA 42 F 1984. It shall not be used more than three times. (should be ordered separately)
- The Abrasion Tester is essentially composed of a wide abrasion disc, a storage hopper, a clamping trolley, and a counterweight.
- The wide abrasion disc diameter is 200 ± 1 mm and having a width of 70 ± 1 mm. It is driven to rotate 75 revolutions in (60 ± 3) seconds.
- A mobile clamping trolley is mounted on bearings and forced to move forwards to the wheel by a counterweight having a mass of $14 \pm 0,01$ kg.

STANDARDS

EN 1338 • EN 1339 • EN 1340 • EN 1341 • EN 1342 • EN 12808-2 • EN 14157 • EN 14617-4

TECHNICAL SPECIFICATIONS

- Abrasion Disc Diameter : 200 ± 1 mm
- Abrasion Disc Thickness : 70 ± 1 mm
- Abrasion Disc Rotation : 75 rpm
- 220 - 240 V / 50 - 60 Hz

EQUIPPED WITH

- Abrasion Disc
 - Diameter 200 ± 1 mm
 - Thickness 70 ± 1 mm
- Digital Revolution counter
- Supplied less with White Corundum.

ORDERING INFORMATION

Code	Item
R 197 X00E T	WIDE WHEEL ABRASION TESTER for NATURAL STONES
R 197 X00E K	WIDE WHEEL ABRASION TESTER for NATURAL STONES [60 Hz]
R 197 P001 H	ABRASIVE POWDER (F80) - 1 kg