

A128N

Accelerated polishing machine

DETERMINATION OF THE POLISHED STONE VALUE

STANDARDS: EN 1097-8, EN 1341, 1342, 1343 / BS 812:114
NF P18-575 / CNR N.105

It measures the resistance of road aggregates, paving stones, paving blocks, to the polishing action of vehicle tyres on a road surface. The specimens are manufactured with suitable moulds.

The specimen is then located on the Road Wheel accepting 14 specimens.

The wheel is now rotated and enters in contact with solid rubber tyre, spring loaded. Abrasive charges are continuously fed by mechanical feeders at fixed speed.

Road wheel speed: 310 to 330 r.p.m.

The flour emery is loaded on to the specimen through a suitable opening. The water is supplied at a controlled rate through a water container.

The digital control panel, foreseen in the back side of the machine, allows to select the test time.

During the test execution the display shows the remaining time and the speed rotation of the wheel holding the specimens.

The machine provides a method of preparing polished stone specimens for use with the Skid Resistance Tester mod. A113 when used in Laboratory.

The unit is supplied complete with 2 rubber wheels (one for corn and one for flour emery), set of 4 specimen moulds and 2 mould covers, while control stone, corn and flour emery have to be ordered separately (see accessories).

Power supply: 230 V 50 Hz 1ph 750W

Dimensions: 1800x820x600 mm

Weight: 175 kg

ACCESSORIES:

A128-02 Corn Emery, 25 kg pack

A128-03 Flour Emery, 5 kg pack

A128-04 Control stones, ungraded, 25 kg bag.

A128-05 Friction Tester Reference Stone (Criggion Stone), ungraded, 25 kg bag.

A049-02 Flakiness sieve, slot 7,2 by 40 mm., used to retain the road aggregates.

SPARE PARTS:

A128-11 Mould (without cover) to prepare the specimen.

A128-12 Cover for the mould.

C129

Abrasion Böhme tester, to measure volume loss in a specimen under abrasion stress in tests such as:

- paving stones
- concrete slabs
- slabs made of natural rocks
- natural stone slabs

STANDARDS: EN 1338:2004 / EN 1339, 1340, 13892-3 / EN 14157
DIN 52108

See section "C" Concrete pag. 220

section A



54



A128N



A128N rear side detail with control panel



C129