

Abrasion Test Concrete, Screed, Screed Mortar, Terrazzo, Natural Stone

EN 1338, EN 1339,
EN 1340, EN 1341,
EN 1342, EN 13318,
EN 13813, EN 13748-1,
EN 13748-2, EN 13892-3,
EN 14157, DIN 52108



A Abrasion Tester „Böhme“

Application:

- A specimen will be submitted by load through grinding. The abrasion will be determined as volume loss or abrasion loss.

Construction:

- base with main switch and electrical counter
- grinding wheel made of cast iron
- holding device for specimen
- loading weight adjustable
- steel tube frame- protection device

Technical dates:

- diameter of abrasive wheel: approx. 760 mm
 - width of abrasive wheel: approx. 35 mm
 - rotations: 30 rpm.
 - hardness of abrasive wheel: 190...220 HB
 - dimensions: 900 x 870 x 1450 mm
 - weight approx.: 390 kg
 - electric connection: 3 x 400 V / 50 Hz
- Order-No. N1001



B Device to determine the loss of thickness

consisting of:

- measuring table
- analogous dial gauge and ball-bearing probe with ring shaped surface
- display accuracy: 0.01 mm

Order-No. N1003

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EN 1341, EN 1342, EN 13813,
EN 13748-1, EN 13748-2
EN 14157

Ⓐ Abrasion Tester

Application:

- A specimen will be submitted by load through grinding. The grinding groove will be measured.

Construction:

- table base with extensible drawer to collect the abrasive material
- abrasive wheel made of special steel
- direct drive through geared motor
- adjustable rapid clamping device for specimens
- adjustable counter weight for periodic „Re-calibration“
- electric control in housing

Technical dates:

- diameter of abrasive wheel: 200 mm
 - width of abrasive wheel: 70 mm
 - hardness of abrasive wheel: 225 +/- 20 HB
 - rotations: 75 rpm.
 - counter weight / press force: 14 kg
 - volume of storage hopper: 6.5 ltr.
 - abrasive material: 2.5 l/min
 - specimen thickness: 65 – 100 mm
 - specimen width: 100 mm
 - specimen height: 150 mm
 - dimensions: 720 x 550 x 1000 mm
 - weight approx.: 150 kg
 - electric connection: 3 x 400 V / 50 Hz
- Order-No. N1030

Abrasive Material

- corund F80
 - packing unit 25 kg / 50 kg
- Order-No. N1004

Reference Body

„Marble from Boulogne“
Order-No. N1033



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