



Gives accurate measurement of abrasion resistance

Easy, repeatable results.

Test Method

Specimens of carpet are abraded by being rubbed against a standard abrasant material. Specimen and abrasant are clamped to the ends of two vertical shafts, the centres of which are offset. The shafts rotate in the same direction and at the same speed, giving a motion described by Schiefer which ensures constant relative velocity between specimen and abrasant at all parts of the specimen.

The abrasant head is weight loaded to give the recommended pressure for carpet testing of 0.56kg/cm².

Consumable fabrics are obtainable from Wira Instrumentation.

The test specimen is a circle of 38mm diameter which is held in the specimen head by a screw clamp.

The number of rubs (revolutions) required for a test can be set on a predetermining counter and the number carried out is shown on a totaliser. Another counter displays the total number of rubs in successive testing cycles.

The amount of abrasion is determined by measuring the weight loss after 5,000 rubs (BS EN 1813). Alternatively, carpet specimens can be rubbed through to the backing in times of between 30 minutes and 5 hours, the number of rubs to end point is recorded (PD 6527: method 17:1990). The end point is assessed against standard photographs.

Key Features

- ✓ *Widely used in industry for quality control of carpets.*
- ✓ *Tests small specimens of carpet*
- ✓ *Rapid test - from half an hour per specimen*
- ✓ *Weight loss test*

Consumables

- SM25 Abrasant fabric.
Order Code – [CAM:CTH](#)
- Polyester abrasant fabric.
Order Code – [CAM:PLY](#)
- Felt backing discs.
Order Code – [CAM:FLT](#)
- Carpet sample holder.
Order Code – [CAM:CPS](#)

Conforms to: BS EN 1813:1998, PD 6527:1990 – Method 17.

Dimensions: 330 mm (W), 330 mm (D), 550 mm (H)

Power Consumption: 375 W

Order Code: CAM:001