AGGREGATE > PARTICLE SHAPE

THICKNESS GAUGE (Flakiness Index)

Code : R032



- The Thickness Gauge is utilized to assess the flakiness index of aggregate particles, identifying those with a thickness less than 0.6 times their mean sieve size.
- This evaluation is essential for determining the suitability of aggregates in construction applications, as flaky particles can adversely affect the strength and durability of concrete and asphalt mixtures.
- The gauge features seven precision-cut slots, each corresponding to specific sieve size ranges, facilitating accurate and efficient classification of aggregate samples.
- Constructed from heavy-gauge steel, the device ensures durability and compliance with BS 812-105.1 standards, providing reliable performance in laboratory settings.

STANDARDS

BS 812-105.1

TECHNICAL SPECIFICATIONS

- Slot Sizes (W x L):
  - 4.9 x 30 mm
  - 7.2 x 40 mm
  - 10.2 x 50 mm
  - 14.4 x 60 mm
  - 19.7 x 80 mm
  - 26.3 x 90 mm
  - 33.9 x 100 mm
- Material: Heavy-gauge steel with powder-coating

ORDERING INFORMATION

Item Name	Item Code
THICKNESS GAUGE (Flakiness Index)	R032X00BH