



Soil

Length Gauge and Thickness Gauge



Aggregates which are flaky and/or elongated will often lower the workability of a concrete mix and may also affect long term durability. In bituminous mixtures, flaky aggregates make for a harsh mix and may also crack and break up during compacting by rolling. The flakiness of aggregates is determined by measuring the thickness of individual particles. UMI offers thickness gauge and length guage per IS: 2386 (Part 1) to check flakiness index and elongation index of the aggregate respectively.

Thickness Gauge as per IS:2386 (Part-1) Constructed from heavy gauge sheet steel.

Length Gauge with ISI Certification as per IS:2386 (Part-1) Constructed from steel, mounted on a hardwood base.

Flakiness Sieve Set

Specifications:

Size:

- 4.9 x 30 mm slot
- 7.2 x 40 mm slot
- 10.2 x 50 mm slot
- 14.4 x 60 mm slot
- 19.7 x 80 mm slot
- 26.3 x 90 mm slot
- 33.9 x 100 mm slot



UMI-129-2S