



Ankarin Material Testing Equipment

FLATNESS INDEX

Designed in accordance with the BS 812-105.1 standard.

The Thickness Gauge is used to determine whether the proportion of flaky particles in an aggregate sample falls within acceptable limits according to the BS standard—specifically, whether the particle thickness (the smallest dimension) is less than 0.6 times the mean of the sieve aperture sizes defining the particle size fraction. Aggregates to be tested are separated into seven distinct size fractions ranging from 63 mm to 6.3 mm, and each fraction is analyzed individually.

The slot dimensions are 4.9x30 mm, 7.2x40 mm, 10.2x50 mm, 14.4x60 mm, 19.7x80 mm, 26.3x90 mm, and 33.9x100 mm.

