ASPHALT > SURFACE PROPERTIES

MOT STRAIGHT EDGE

Code : A047



- Used to measure individual irregularities that can be attributed to quality defects in both newly constructed surface courses of roads, airfields, and other trafficked surfaces.
- This test method cannot be used to gather information about the overall profile or general unevenness. Single irregularities are inherently random, and as a result, there are no specified routine sampling rates or precision data for them.
- A straightedge is utilized to determine the distance of a surface from the plane of its measuring edge. The measurement edge of the straightedge must be easily distinguishable.
- The straightedge has a length of 3 meters and a sturdy construction, ensuring that when suspended at its endpoints, its measuring edge remains within ±0.5 mm of a true plane at any point. Additionally, the straightedge must be perfectly straight along its entire length.
- To measure the distance between the measurement edge and the surface, a calibrated wedge of length (300 ± 1) mm and width (25 ± 1) mm shall be used. The wedge will have permanent markings on the slope plane, with increments of 1 mm for the first 10 mm and 2.5 mm increments beyond that point. The true height at each marked increment must be accurate to ±0.1 mm.

STANDARDS

EN 13036-7 • BS 8420

ORDERING INFORMATION

Item Name	Item Code
SPARE WEDGE for MOT STRAIGHT EDGE (A047)	A047P001H
MOT STRAIGHTEDGE, EN - 3 m	A047X03EH
MOT STRAIGHTEDGE, BS - 4 m	A047X04BH