



Design & Testing of Bituminous Mixtures

76

BALL PENETRATION TEST (Embedment Allowance for Spray Sealing) Equipment Details & Instructions



Specification

The Hammer has been made to suit the AUSTROADS Test Method AP-T127-09, i.e.:-

- Drop of 457 +/- 1mm,
- Hammer mass 4.53 +/- 0.02kg
- 19mm Ball

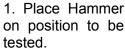
Dimensions

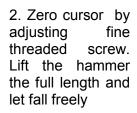
- Total Mass 7.2kg
- Overall length 82cm
- Widest dimension 10.5cm

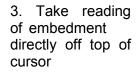
Features

- Ball is removable and can be interchanged for penetration elements of differing shapes and sizes
- "Bullseye" bubble for assisting with verticality of Hammer.
- Can be used with digital indicator or direct measurement.









Alternatively, the Hammer can be lifted by the handle and the embedment depth read as before



Digital Indicator reading.

Readings can also be taken using a Digital Indicator. The indicator is positioned and zeroed prior to dropping the hammer mass.

The Indicator is then removed and the embedment test carried out.

The indicator is replaced and the embedment is digitally displayed.









