

**Product Name :**  
Tile Flexure Strength Tester

**Product Code :**  
CHINAELABC2680073



**Description :**

Tensile Strength Tester - Tile Flexure Strength Tester

**Technical Specification :**

For determination of breaking load of clay roofing tiles (Mangalore Pattern.)

The equipment consists of two self aligning bearing rollers and one loading roller all of 40 mm dia. and length 305 mm. The centres of bearing rollers can be set at 250 mm or 270 mm apart. The loading is done through a double lever loading system by means of a steady flow of lead shot from a container into the receiver hung on the lever system. The lead shot flow stops automatically when the specimen fails.

The failure load of the tile is estimated by multiplying the weight of the lead shot in the receiver by the lever ratio of the system i.e. 1:12.

Maximum capacity of the machine is 2 kN. Lever ratio is 1:12. Supplied complete with 20 kg lead shot.