

Product Name :
Tile Flexure Strength Tester

Product Code :
TEST5057RFQLAB-0008



Description :

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.

For carrying out transverse strength tests on cement concrete flooring tiles.

The equipment consist of two bearing rollers and a third self aligning loading roller, all 25 mm in diameter.

The center to center distance between bearing rollers can be set at 150, 200 or 250 mm.

The loading is through double lever loading system by means of a steady flow of lead shot from a lead shot container to a receiver hung on the lever system. The rate of flow of lead shot is adjustable as per required rate of loading.

The flow of lead shot stops automatically on failure of test specimen and the breaking load can be calculated by multiplying the weight of lead shot in the receiver by 12.

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

We are a leading manufacturers of Tile Flexure Strength Tester testing equipment for a range of industries, including materials science testing lab. We offer full range of Tile Flexure Strength Tester testing equipment, including Tile Flexure Strength Tester testing kit, Tile Flexure Strength Tester testing machine, Tile Flexure Strength Tester testing tools, Tile Flexure Strength Tester test equipment, Tile Flexure Strength Tester test machines, Tile Flexure Strength Tester for Lab Testing Instruments. We are suppliers of materials testing tools and equipment for the construction industry. Our mission is to provide reliable, accurate, and easy-to-use Tile Flexure Strength Tester testing equipment that helps customers build better, safer, and more sustainable infrastructure.



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