



Convenient and reliable simulation of carpet indentations using Wira's Static Loading Tester

Tests the ability of floor-coverings to recover from indentations.

When a piece of furniture is moved, indentations can often be seen on the floorcovering where the feet of the article have stood. These marks can be unsightly unless the floor-covering is able to recover most of its original thickness.

The Wira Carpet Static Loading Tester provides a convenient and reliable method of simulating such indentations and hence the ability of floor-coverings to recover from them.

Test Method

The apparatus applies a heavy load to a specimen for a specified period, normally 7.0kg/cm² for 24 hours.

The presser foot of the apparatus has an area of 6.0cm², allowing the presser foot of the Wira Digital Thickness gauge to fit easily within the compressed area.

The apparatus conforms to the requirements of British Standard 4939 'Determination of thickness loss of textile floorcoverings after prolonged heavy static loading'. The test is applicable to all textile floor-coverings of uniform height and construction.

It also applies to other types when areas of different thickness and construction are separately tested.

Thickness measurements are taken before load is applied and after recovery times of 2min, 1hr and 24hr.

Key Features

- ✓ *Simulates indentations caused by furniture*
- ✓ *Conforms with international standard requirements*
- ✓ *Gives considerable time savings over use of combined loading and thickness testing devices*
- ✓ *Simple, compact and robust*

Conforms to: BS 4939:1987 (2017), ISO 3416:1986.

Dimensions: 710mm (L), 100mm (W), 182mm (H)

Order Code: LDT:001