



Textile Floor Coverings- Assessment of change in Appearance

The hexapod tumbler tester to produce changes in appearance for all textile floor coverings due to changes in surface structure and colour produced by mechanical agencies. It does not include pilling or colour changes due to other agencies. A hexapod with studs rolls randomly inside a rotating drum which is lined with the textile floor covering specimens.

After fatiguing, the change in appearance of the specimens is assessed in accordance with ISO 9405.

Foot traffic tends to be concentrated around doorways or narrow passages between desks and these areas can quickly become threadbare. Carpets are subjected to a wide variety of tests to make sure they are strong and durable enough to withstand the rigours of heavy traffic day in, day out for many years. Specimens of carpet are fastened to a flexible backing sheet with double-sided adhesive tape. This assembly is fitted on the inside surface of the drum and can easily be removed at any stage for inspection of the specimens under test. If required, an underlay may be fitted beneath the carpet for direct comparison with normal use

The change in appearance of a specimen after a process of fatiguing is assessed by visual comparison with standard digital image scales. The dominant factors (structure, roughness, colour and/or pattern) of the change are observed and recorded.

The Solution

Intertek Turkey is pleased to announce that the test equipment has been installed and the test according to ISO 10361 can be conducted beginning from May 2011.

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