



Report Number: 200206

Date: 6 February 2020

Prepared for: Glyn Charnock

Introduction

WoolSafe was sent samples of a printed nylon carpet which is going to be used as a protective druggel over a historic wool carpet in a National Trust property.

There is also going to be a suitable layer fitted in between the two carpets. WoolSafe had to determine the possible appearance change in the nylon carpet after 5 years' wear.

Laboratory tests

Two pieces of carpet were cut from a representative area of the offcuts supplied. They were tested together in accordance with BS ISO 10361: Method B: 2015 in the Hexapod Tumble Tester over underlay to 12000 revolutions, which represent five years' wear.

The underlay used was Cloud 9, which we believe corresponded well with the circumstances in situ: the carpet being laid over another carpet and a cushioning layer in between.

The assessment for the change of appearance was done by three qualified assessors, according to BS EN ISO 9405: 2017. This is for change of overall appearance, including texture, but independent of the change in colour due to flattening.

The rating is given on a 1 to 5 scale (where 1 means severe change; 5 means no change at all).

Results

At the end of the test, no visible flattening was observed in either samples.

The overall change in appearance is 5, no change at all.

Conclusion

The carpet has very good wear characteristics and expected to keep its appearance well over the investigated five years. However, this test does not allow for soiling, which, if not removed regularly, can cause damage to textile floor coverings. Regular vacuuming and a strict maintenance routine is necessary for appearance retention.

Signed:

Barbara Walker
Senior Technologist