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KUNGSBACKA

Abrasion of different materials

Test Object

Three different floor materials were brought by the commissioner to RISE Research Institutes of Sweden on September the 12th 2019. The floor coverings were designated Plywood 9mm, GoPanel floor 10,5mm and Anti slip-GRP 2mm.

Commission

Testing based on SS-EN 13892-5 *Methods of test for screed materials - Part 5: Determination of wear resistance to rolling wheel of screed material for wearing layer*

Comparison of the three materials according to above

Summary

The tested materials all passed the maximum revolutions of the test method.

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Test performance and results

The tests were performed during September to November 2019.

In this method a sample is lying on a metal plate that moves in horizontal direction. A steel wheel with rounded edges and the weigh 2000N is used to move on the sample and the movement makes the wheel build a quadrat of about 1100 cm².

The samples were examined every hour.

The results in this report are only for the tested materials.

The Plywood was affected on the surface but without anything loosing. The Antislip-GRP showed same result.



Best in test was the GoPanel floor that did not show any impact. At the end of this test the GoPanel looked the same as before the test.



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