

Test report Wear group classification

Product name: Grabo Fortis
Thickness: 2,11 mm
Density: 1,370 g/cm³
Controller: Kalászné Márkus Ida, lab technician

1/ Standard EN 649

Test method:

Determination of wear resistance acc. to standard EN 660-2 (Resilient floor coverings. Determination of wear resistance. Part 2: Frick-Taber test) referred by standard EN 649.

Test machine: Taber 5135 abraser

Revolutions: 5000

Results:

Revolution	Specimen 1	Specimen 2	Specimen 3	Average
Loss in mass after 1000 rev. and dusting	18,2	20,1	21,2	19,8
Loss in mass after 2000 rev. and dusting	37,4	35,4	41,2	38,0
Loss in mass after 3000 rev. and dusting	65,3	62,8	66,1	64,7
Loss in mass after 4000 rev. and dusting	75,1	71,3	80,1	75,5
Loss in mass after 5000 rev. and dusting	91,0	90,3	92,2	91,2
Total loss in mass after cleaning; mg	93,2	91,1	95,8	93,4
Avarage loss in mass; mg	1,9	1,8	1,9	1,9
Avarage loss in volume; mm ³	1,4	1,3	1,4	1,4
Appr. loss in thickness, mm	0,02	0,02	0,02	0,02

2/ Standard EN ISO 10581

Binder content is higher than 55 %.

GRABOPLAST | FLOOR COVERING MANUFACTURERS LTD.

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Summary

The product Grabo Fortis complies the wear resistance requirements of **wear group T** (max. 2 mm³ as loss in volume) acc. to EN 649.

The product Grabo Fortis is classified **Type I category** with regards to EN ISO 10581.

Győr, 10/01/2017

Emília Bóna

Head of coating techn. dev.

2/2

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