

TEST CERTIFICATE

ST-24-03-15-01

Product: Stonehenge „Trilithon“, Thicknesses of the wear layer: 0,30 mm + UV Coating
Dimensions: 609,6 mm x 304,8 mm x 5,5 mm (4,0 + 1,5 EVA)

Client: Republic Floor GmbH, Ferdinand-Gabriel-Weg 4-8, 59494 Soest

Order: Testing of selected properties and evaluation according to EN 16511:2023-05, Table 2

Test Report: 2724071



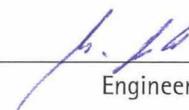
Test Results:

Property	Result	Evaluation and Classification according to EN 16511:2023-05
Dimensional stability after exposure to heat according to EN ISO 23999:2021	0,00 /0,05	General requirement according to Table 1 are fulfilled
Curling after exposure to heat according to EN ISO 23999:2021	0,0 mm	General requirement according to Table 1 are fulfilled
Abrasion resistance according to ISO 24338:2022, Procedure B (Falling Sand Method)	> 7400 cycles	Classes 21-23 and 31-34 are fulfilled
Resistance against impact (big ball) according to EN 13329:2006+A1:2008-08, Annex F	> 1800 mm	Classes 21-23 and 31-34 are fulfilled
Microscratch resistance according to DIN EN 16094:2021 gloss change at 60°	$\Delta R' = 1$	Classes 21-23 and 31-34 are fulfilled
Effect of the simulated movement of a furniture leg according to EN ISO 16581:2019	no visible change / damages	Classes 21-23 and 31-34 are fulfilled
Static indentation according to EN ISO 24343-1:2012	0,00 mm	Classes 21-23 and 31-34 are fulfilled
Resistance against staining according to EN 438-2:2016+A1:2018	Acetone Coffee NaOH H ₂ O ₂ Carbon black suspension	Grade:5 Grade: 5 Grade: 4 Grade:5 Grade: 5
Locking strength short side joints according to ISO 24334:2019	5,2 kN/m	Classes 21-23 and 31-34 are fulfilled
Locking strength long side joints according to ISO 24334:2019	5,3 kN/m	Classes 21-23 and 31-34 are fulfilled

Dresden, 15/03/2024




Head of laboratory



Engineer in charge