

GERFLOR SAS
Recherche & Développement Site Saint Paul
Mr. Jean-Baptiste Baugros
ZI du bois des lots
26130 SAINT-PAUL-TROIS-CHATEAUX
FRANKREICH



Dresden, 04/02/2026
Michael.Peter@eph-dresden.de

Test Report Order No. 2726004

Client: GERFLOR SAS
Recherche & Développement Site Saint Paul
ZI du bois des lots
26130 Saint-Paul-Trois-Chateaux
France

Order: Determination of the impact resistance with a big ball
according to EN 13329:2023-12, Annex C

Contractor: Entwicklungs- und Prüflabor Holztechnologie GmbH
Laboratory unit Surface Testing
Zellescher Weg 24
01217 Dresden
Germany

Engineer in charge: Dipl.-Ing. (FH) Michael Peter

Dipl.-Ing. Andreas Möschner
Head of Laboratory unit Surface Testing

The test report contains 3 pages. Any duplication of extracts requires the written permission of EPH.
The test results refer exclusively to the material tested.
All numerical values within this document are given with a comma as decimal.

1 Task

The accredited Entwicklungs- und Prüflabor Holztechnologie GmbH was instructed by company GERFLOR SAS in SAINT-PAUL-TROIS-CHATEAUX, France to carry out testing of the determination of the impact resistance (big ball) according to EN 13329:2023-12, Annex C.

2 Test material

The following samples and information were selected for testing and submitted to the contractor by the client:

PVC floor "CREATION 55 CLIC ACOUSTIC", LVT planks and tiles

Date of sample receipt: 29/01/2026

3 Determination of the impact resistance with a big ball according to EN 13329:2023-12, Annex C

The determination of the impact resistance with the big ball was carried out according to the test conditions of EN 13329:2023-12, Annex C. The test was performed using the big ball impact loading device (test equipment OF-44) described in EN 438-2:2016+A1:2018-12, chapter 22. The test was carried out with the integrated underlay.

Performance of the test: 02/02/2026

4 Result

Impact resistance (big ball) in mm according to EN 13329:2023-12, Annex C					Class according to EN 16511:2023+A1:2025-05, Table 2
Single values					
> 1800	> 1800	> 1800	> 1800	> 1800	> 1800
					34

Requirements according to EN 16511:2023+A1:2025-05, Table 2

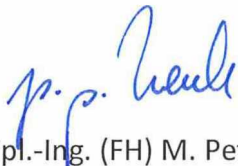
Class	Impact resistance (big ball) in mm
21/22	≥ 400
23	≥ 600
31	≥ 800
32	≥ 1200
33	≥ 1600
34	≥ 1800

5 Evaluation

The tested flooring can be classified regarding to the tested property "Resistance against impact with a big ball" according to EN 16511:2023+A1:2025-05, Table 2 as follows:

Property	Result	Classification* according to EN 16511:2023+A1:2025-05, Table 2
Resistance against impact with a big ball according to EN 13329:2023-12, Annex C	> 1800 mm	Classes 21-23 and 31-34 are fulfilled

* Statements on conformity assessment/classification are made on the basis of the measurement results obtained. Measurement uncertainties are not included in the assessment/classification. Here we follow: ILAC G8:09/2019 "Guidelines on Decision Rules and Statements of Conformity" 4.2.1 Binary Statement for Simple Acceptance Rule ($w=0$).



Dipl.-Ing. (FH) M. Peter
Engineer in charge