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TECHNICAL REPORT

Gerflor SAS ZI du Bois des Lots 26130 Saint Paul Trois Chateau France	SATRA reference:	FLO0348320	
		2315	3
	Report ID/Issue number:	30528/2	
	Your reference:	PO23GERD02299	
	Date samples received:	25/04/2023	
	Date(s) work carried out:	25/04/2023 to 14/09/2023	
	Date of report:	26/09/2023	

Testing Requirements

Testing of one product described by the customer as
"Taralay Sécurité H2O SD / Tarasafe H2O" to
EN 13845:2017+C1:2017 Annex C (Barefoot and shod).

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Report Signed by:

Philip Weal


Report Signatory

SATRA Technical Report

TESTING OF ONE SAMPLE DESCRIBED BY THE CUSTOMER AS "TARALAY SÉCURITÉ H2O SD / TARASAFE H2O" TO EN 13845:2017+C1:2017 ANNEX C (BAREFOOT AND SHOD).

As requested by Gerflor SAS, SATRA has conducted an assessment of the slip resistance of a sample of flooring, as detailed below.

CONCLUSION

The floor sample submitted under reference "Taralay Sécurité H2O SD / Tarasafe H2O" has satisfied the requirements of EN 13845:2017+C1:2017 Resilient floor coverings – Polyvinyl chloride floor coverings with particle based enhanced slip resistance – Specification in relation to both shod and barefoot slip resistance for the ramp test only ⁽²⁾.

SAMPLE SUBMITTED

Sample Reference: "Taralay Sécurité H2O SD / Tarasafe H2O" ⁽¹⁾
Surface characteristics: Embossed surface with particle based enhanced slip resistance
Appearance:



Conditioning commenced: 25 April 2023
Testing commenced: 14 September 2023
Testing completed: 14 September 2023
Testing conducted by: Philip Weal and Dusan Pekarovic

TESTING CARRIED OUT

- EN 13845:2017+C1:2017 Resilient floor coverings – Polyvinyl chloride floor coverings with particle based enhanced slip resistance – Specification, Annex C Determination of slip resistance.

Note(s):

- The Information supplied by the customer. Not verified by SATRA.
- The sample has satisfied the requirement for the ramp test only, the general requirements in EN 13845:2017+C1:2017 also state that testing must be carried out using the pendulum friction tester as per CEN/TS 16165:2016 to meet the full requirements for slip classification.
- Testing stopped due to operator safety considerations once the requirements of $\geq 20^\circ$ had been significantly exceeded.
- Testing stopped due to operator safety considerations once the requirements of $\geq 15^\circ$ had been significantly exceeded.

RESULTS

Slip classification of sample referenced “Taralay Sécurité H2O SD / Tarasafe H2O” in accordance with EN 13845:2017+C1:2017.

This report does not cover the other general requirements or the classification requirements listed in EN 13845:2017+C1:2017, and as requested by the customer, only the ramp test in accordance with EN 13845:2017+C1:2017 Annex C has been conducted ⁽²⁾.

Table 1 - Slip classification of sample referenced “Taralay Sécurité H2O SD / Tarasafe H2O” in accordance with EN 13845:2017+C1:2017.

Sample Reference	Slip Classification	Requirements	Average Results
“Taralay Sécurité H2O SD / Tarasafe H2O”	Class ESf (Footwear)	EN 13845:2017+C1:2017 Annex C (shod) $\geq 20^\circ$	> 25 ⁽³⁾
		CEN/TS 16165:2016 Annex C (Slider 96) ≥ 36 PTV	Not tested ⁽²⁾
	Class ESb (Barefoot)	EN 13845:2017+C1:2017 Annex C (barefoot) $\geq 15^\circ$	> 21 ⁽⁴⁾
		CEN/TS 16165:2016 Annex C (Slider 57) ≥ 36 PTV	Not tested ⁽²⁾

For individual results see annex 1.0

Annex 1.0 - Full test results for reference "Taralay Sécurité H2O SD / Tarasafe H2O" in accordance with EN 13845:2017+C1:2017 Annex C

The testing was conducted on a sample provided by the customer, measuring 1m x 0.5m, and as such was tested with the short edge perpendicular to the tested direction.

Annex 1.1 - Shod slip resistance testing - EN 13845:2017+C1:2017 Annex C.

Test Condition: Shod
 Test Solution: 0.1% Sodium Lauryl Sulphate

Table A.1 - Results for the shod slip resistance testing.

Test No.	Operator 1 Inclined Platform (°)	Operator 2 Inclined Platform (°)
1	> 25.2 ⁽³⁾	> 25.2 ⁽³⁾
2	> 25.0 ⁽³⁾	> 25.0 ⁽³⁾
3	> 25.0 ⁽³⁾	> 25.9 ⁽³⁾
4	> 25.1 ⁽³⁾	> 26.0 ⁽³⁾
Mean	> 25 ⁽³⁾	
Slip classification	ESf ⁽²⁾	

Annex 1.2 - Barefoot slip resistance testing - EN 13845:2017+C1:2017 Annex C.

Test Condition: Barefoot
 Test Solution: 0.1% Sodium Lauryl Sulphate

Table A.2 - Results for the barefoot slip resistance testing.

Test No.	Operator 1 Inclined Platform (°)	Operator 2 Inclined Platform (°)
1	> 20.2 ⁽⁴⁾	> 20.5 ⁽⁴⁾
2	20.4	> 21.2 ⁽⁴⁾
3	> 20.2 ⁽⁴⁾	> 22.0 ⁽⁴⁾
4	20.5	> 21.6 ⁽⁴⁾
Mean	> 21 ⁽⁴⁾	
Slip classification	ESb ⁽²⁾	

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