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Report

Project number: 89209491
Report number: 89209491.01en

Date
29/03/2016

Project number
89209491

Report number
89209491.01en

Received:

A protective mat, marked as: “**558 Cushion-Ease Solid ESD DIF**”;
TÜV-reference: MT16-91559.01

Phone number client
+ 31 (0) 180 643 115

Sampling procedure:

The samples are selected by the applicant. The test house has had no influence on the sampling procedure.

Fax number client
-

The samples have been received on 04/03/2016.

Order:

To determine electrical resistance according to IEC 61340-4-1*
** The test is completely or partially conducted by a subcontractor*

Article
558 Cushion-Ease Solid ESD
DIF

Results:

See page three and four.

Appendix
- none -

Appendix:

None.

TRN applies General Terms &
Conditions which are filed at the office of
the Clerk for civil affairs at the Court in
Zutphen (the Netherlands) under number
35/2010, dated November 17th 2010.

PRODUCT IDENTIFICATION

Applicant : Superior Manufacturing Group-Europe B.V.
Name : **558 Cushion-Ease Solid ESD DIF***
Material : 100% Rubber*
Mass (kg/m²) : 14.5*
Total thickness (mm) : 19*
Size (cm x cm) : 91 x 91*

* Applicant's declaration

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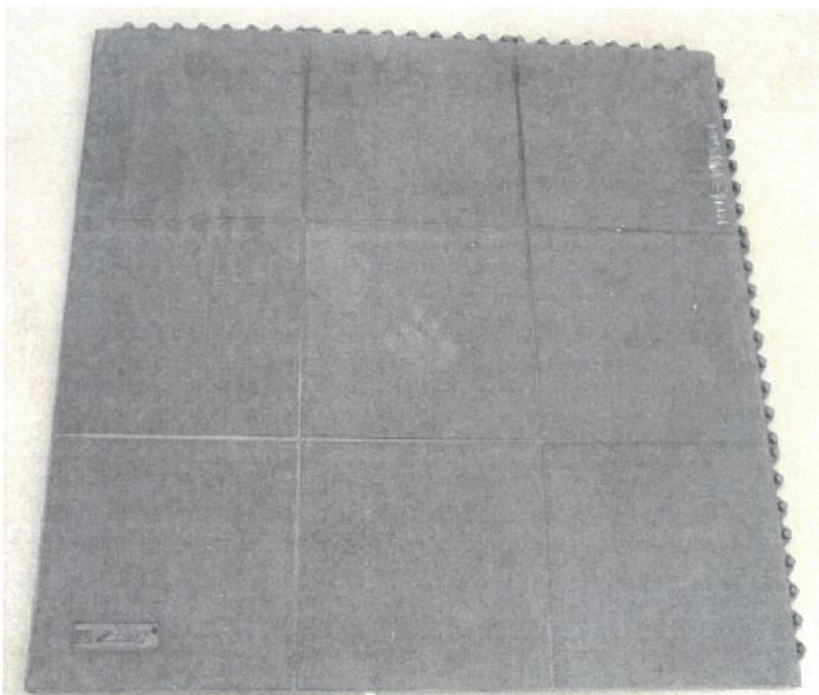


Figure 1, Picture of the received sample

TEST RESULTS

Electrical resistance of floor coverings and installed floors Method IEC 61340-4-1:2004

Test period : 11/03/2016 – 21/03/2016
 Pre-conditioning conditions : 23±2°C and 12±3% R.H.
 Conditioning time : 72 h
 Test conditions : 23±2°C and 12±3% R.H.
 Support plates used: : Yes, wood plate (2000 x 2000 x 20 mm)

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Horizontal resistance

Sample : MT16-91559.01 (558 Cushion-Ease Solid ESD DIF)

Sample no.	Measurement no.	Voltage (V)	Resistance (Ω)	Average (Ω)
1	1	100	2.90x10 ⁷	1.62x10 ⁸
	2	100	4.90x10 ⁷	
	3	100	4.10x10 ⁷	
	4	100	5.50x10 ⁷	
	5	100	4.00x10 ⁸	
	6	100	4.00x10 ⁸	
2	1	100	4.60x10 ⁶	1.67x10 ⁷
	2	100	2.30x10 ⁶	
	3	100	6.30x10 ⁶	
	4	100	2.80x10 ⁶	
	5	100	4.60x10 ⁷	
	6	100	3.80x10 ⁷	
3	1	100	8.10x10 ⁶	2.56x10 ⁷
	2	100	8.30x10 ⁶	
	3	100	1.60x10 ⁷	
	4	100	1.20x10 ⁷	
	5	100	5.90x10 ⁷	
	6	100	5.00x10 ⁷	

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Vertical resistance

Sample : MT16-91559.01 (558 Cushion-Ease Solid ESD DIF)

Sample no.	Measurement no.	Voltage (V)	Resistance (Ω)	Average (Ω)
1	1	100	1.20×10^7	2.12×10^7
	2	100	6.00×10^6	
	3	100	1.30×10^7	
	4	100	1.40×10^7	
	5	100	6.80×10^7	
	6	100	1.40×10^7	
2	1	100	1.60×10^7	6.92×10^6
	2	100	4.30×10^6	
	3	100	4.90×10^6	
	4	100	4.50×10^6	
	5	100	6.20×10^6	
	6	100	5.60×10^6	
3	1	100	1.20×10^7	3.85×10^6
	2	100	2.00×10^6	
	3	100	2.60×10^6	
	4	100	1.90×10^6	
	5	100	3.20×10^6	
	6	100	1.40×10^6	

Author:
Mr. J. de Wolff



Review:
Mr. R. Boerboom



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