

Return address: P.O. Box 2220, 6802 CE ARNHEM, The Netherlands

Estillon B.V.
Att. Mr. A. Philipsen
Linie 25
5405 AR UDEN
The Netherlands

TÜV Rheinland Nederland B.V.
The Netherlands

Postal address:
P.O. Box 2220
6802 CE ARNHEM

Parking and delivery:
Westervoortsedijk 73
6827 AV ARNHEM

www.tuv.com/nl

T +31 88 888 7888

Jaring.de.Wolff@nl.tuv.com

Testreport

Project number: 89211969
Report number: 89211969.01en

Date
02/08/2017

Project number
89211969

Report number
89211969.01en

Received:
A resilient floor covering, marked as: “LVT ID 40”;
TÜV-reference: MT17-159043.01

Phone number client
+31 (0) 24 648 53 48

An underlay system, marked as: “Floorfixx Regular”;
TÜV-reference: MT17-159043.02

Fax number client
+31 (0) 24 648 53 49

Sampling procedure:

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

Article
LVT ID 40 & Floorfixx Regular

The samples have been received on 26/06/2017.

Appendix
- none -

Order:

Determination of impact sound insulation according to EN-ISO 10140-1 – 5:2010 and EN-ISO 717-2:2013*

** partially or completely subcontracted to an accredited laboratory in or outside the TÜV Rheinland group.*

Results:

See page three and four.

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.

Appendix:

None.

PRODUCT IDENTIFICATION

Productname : **Floorfixx Regular**
Product type : **Underlayment**
Dimensions (cm x cm) : **120 x 60***
Total thickness (mm) : **9***
** Applicant's declaration*

Date
02/08/2017

Project number
89211969

Report number
89211969.01en

Article
LVT ID 40 & Floorfixx Regular

Page
2/4

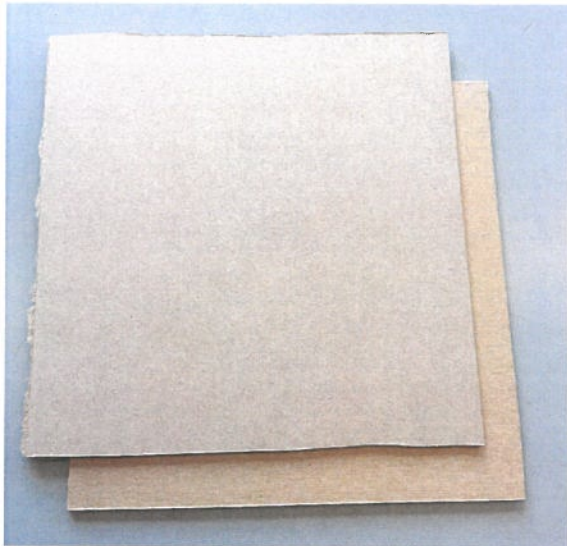


Figure 1. Picture of the received sample

Product name : **LVT ID 40**
Product type : **Polyvinyl chloride floor covering***
Total thickness (mm) : **2.5***
** Applicant's declaration*

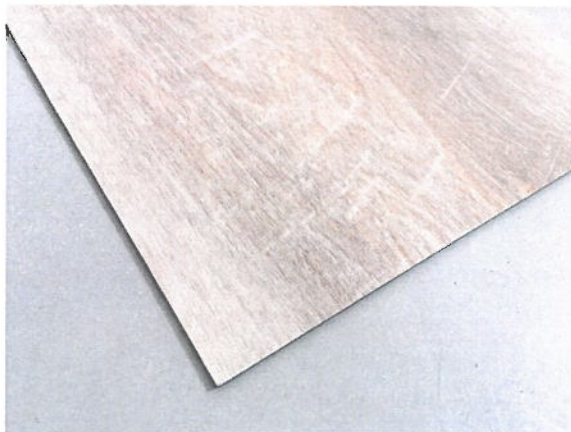


Figure 1. Picture of the received sample

Date
02/08/2017

Project number
89211969

Report number
89211969.01en

Article
LVT ID 40 & Floorfixx Regular

Page
3/4

TEST RESULTS

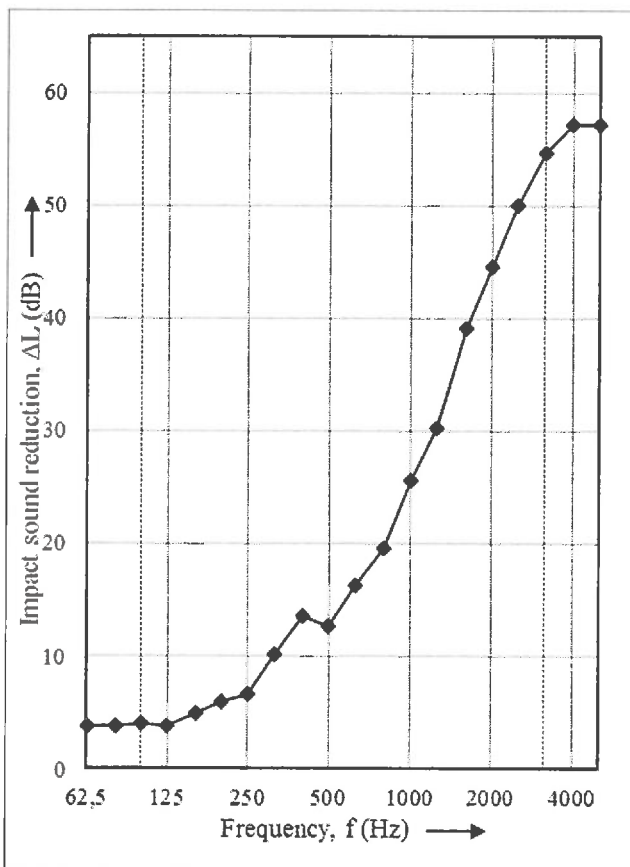
Impact sound insulation

Method EN-ISO 10140-1 – 5:2010, calculation according EN-ISO 717-2:2013.

Date of testing : 17/07/2017
 Installation : Loose laid on solid concrete reference floor,
 sample glued together with UZIN KE14.
 Installed by : Testing laboratory.
 Receiving room Source room
 Volume (m³) : 53.6 Volume (m³) : 57.3
 Air temperature (°C) : 20.8 Air temperature (°C) : 21.5
 Relative air humidity (%) : 69.4 Relative air humidity (%) : 63.0
 Static pressure (kPa) : 99.0

Sound insulation according ISO 10140-3:2013, measurements and graph:

Frequency f (Hz)	L _{n,0} 1/3 oct. (dB)	ΔL 1/3 oct. (dB)
50	62.4	2.7
63	64.4	3.8
80	62.6	3.8
100	60.8	4.0
125	63.2	3.8
160	61.7	4.9
200	64.3	6.0
250	70.3	6.6
315	65.6	10.1
400	66.0	13.6
500	64.4	12.7
630	65.4	16.3
800	65.9	19.6
1000	66.5	25.6
1250	66.8	30.3
1600	68.0	39.1
2000	68.4	44.6
2500	67.8	50.0
3150	68.1	54.7
4000	66.8	57.2
5000	63.6	57.2



The results are based on the tests which were performed in laboratory conditions with an artificial source of sound, standard method.

Calculation according to ISO 717-2:2013

Impact sound improvement index ΔL_w : 22 dB $C_{l,\Delta}$: -11 dB
 ΔL_{lin} : 11 dB $C_{l,r}$: 0 dB

Date
02/08/2017

Project number
89211969

Report number
89211969.01en

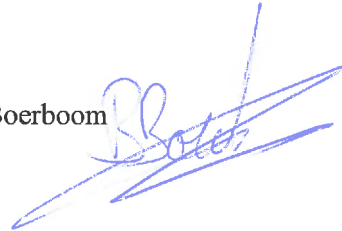
Article
LVT ID 40 & Floorfixx Regular

Page
4/4

Author:
Mr. J. de Wolff



Review:
Mr. R. Boerboom



All rights reserved.

No part of this report may be reproduced, provided to and/or examined by third parties, and/or published by print, photoprint, microfilm, in electronic form or any other means without the explicit previous written consent of TÜV Rheinland Nederland B.V. The results are based upon the samples received and have not to be representative for the total production. TÜV Rheinland Nederland B.V. had no influence on the sampling.

In case this report was drafted within the context of an assignment to TÜV Rheinland Nederland B.V., the rights and obligations of contracting parties are subject to the General Terms & Conditions for Advisory, Research and Certification assignments to TÜV Rheinland Nederland B.V. and/or the relevant agreement concluded between the contracting parties.

© 2010 TÜV Rheinland Nederland B.V.

(end of report)