

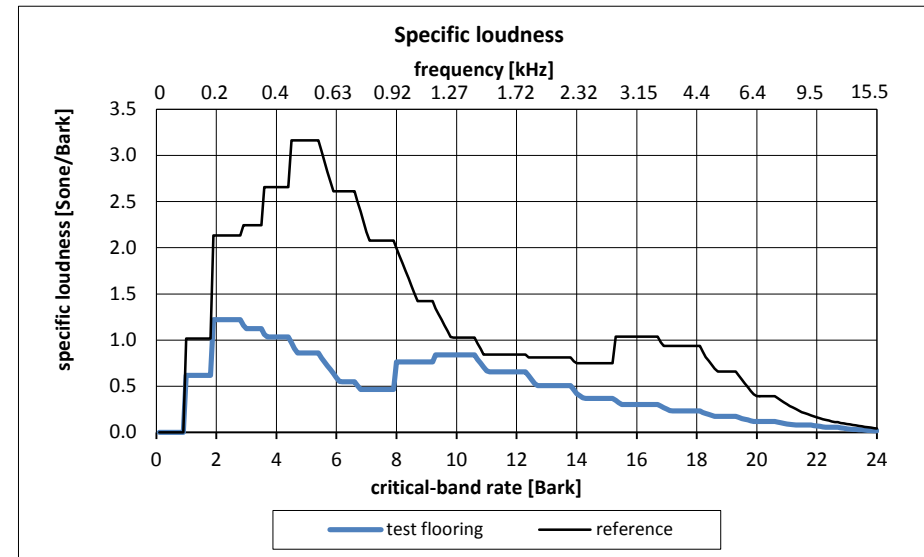
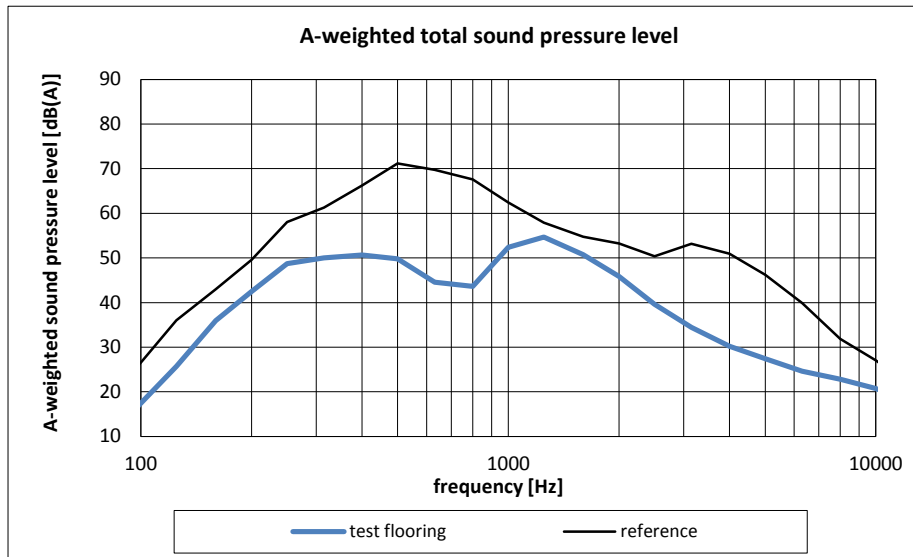
Analysis of walking noise emission according to IHD-W 431

Noise excitation by means of a proband, calculation of the A-weighted total sound pressure level and the loudness from the sound pressure level spectrum (according to E. Zwicker, DIN 45 631)



Client:	ScanUnderlay	Installation:	EPH	Test area [m ²]:	10
Manufacturer:	ScanUnderlay	Product identification:	LVT Flooring 1316 x 191 x 4.5 mm Acoustic Silence 500 glued with Uzin KE 2000 S	Date of test:	14 August 2017

Sound pressure level:	A-weighted total sound pressure level of the test flooring [dB(A)]:	60.4
	A-weighted total sound pressure level of the reference flooring [dB(A)]:	75.8
	Difference of the A-weighted total sound pressure levels of the reference and the test flooring [dB(A)]:	15.4
Loudness:	Loudness of the test flooring [Sone]:	11.8
	Loudness of the reference flooring [Sone]:	28.6
	Difference of the loudnesses of the reference and the test flooring [Sone]:	16.7
	Relative difference of the loudnesses of the reference and the test flooring [%]:	58



Name of testing institute: Entwicklungs- und Prüflabor Holztechnologie GmbH
 Date: 15 August 2017

N° test report/variant: 2617089/Variant-1 glued
 Signature: Hauswald