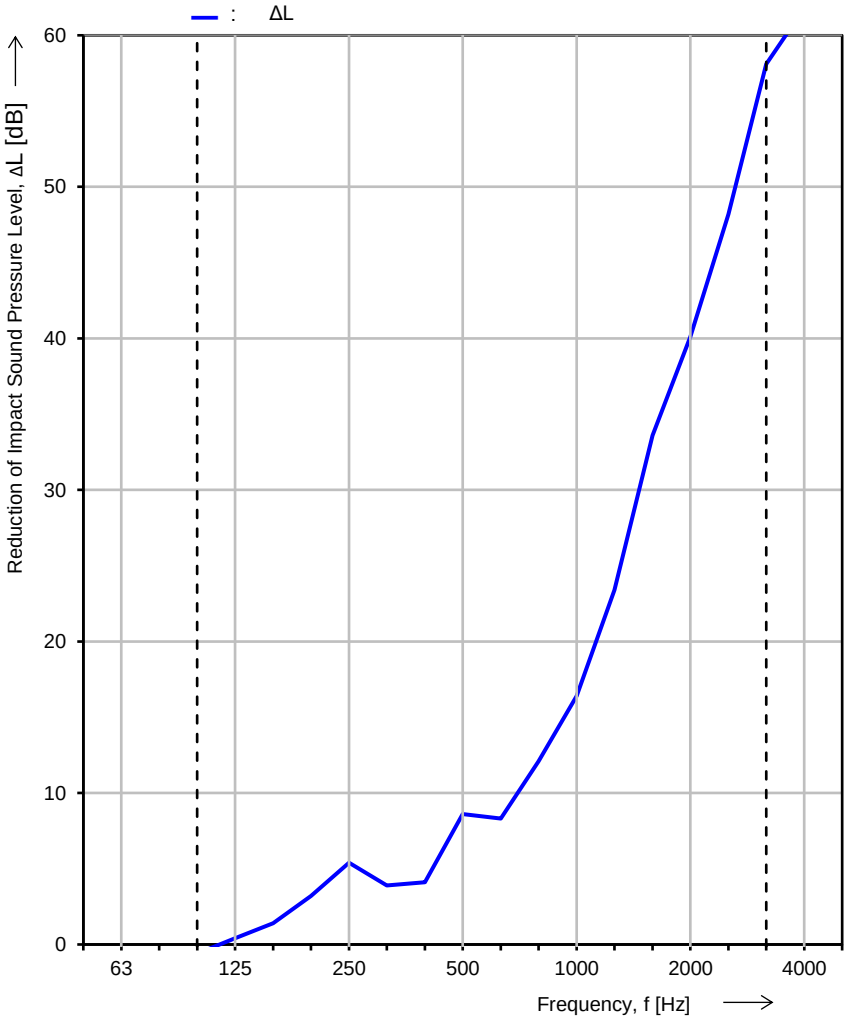
BS EN ISO 10140-3:2010 Acoustics - Laboratory measurement of the reduction of transmitted impact noise by floor coverings on a heavyweight standard floor

Client:	University of Salford TEST LABORATORY	Product Identification:	Audit Sample - Rubber Mats
Mounted by:	University of Salford, Acoustic Test Lab.	Test Room Identification:	Acoustic Transmission Suite
Manufacturer:	Not Specified	Date of Test:	17 July 2020
Description:	Rubber mats - Category I		

Curing Time:	Not Applicable	Source Room Temperature:	21.8 °C
Ambient Pressure:	101.5 kPa	Source Room Relative Humidity:	57.1 %
Mass per unit area:	5.0 kg/m^2	Receiving Room Temperature:	20.6 °C
Size / number of samples:	Three 1000mm x 500mm samples	Receiving Room Relative Humidity:	59.8 %
Receiving Room Volume:	221 m^3		

Frequency f [Hz]	$L_{n,0}$ ⅓ octave [dB]	ΔL ⅓ octave [dB]
50	-.-	-.-
63	-.-	-.-
80	-.-	-.-
100	66.6	-0.6
125	68.6	0.4
160	64.4	1.4
200	71.1	3.2
250	71.7	5.4
315	70.7	3.9
400	71.6	4.1
500	73.8	8.6
630	73.3	8.3
800	74.6	12.1
1000	75.8	16.4
1250	76.5	23.4
1600	76.9	33.6
2000	77.3	40.1
2500	77.7	48.2
3150	77.4	58.1
4000	76.9	61.8 [1]
5000	75.7	62.4 [1]

[1] Minimum Value



Rating according to BS EN ISO 717-2

ΔL_W = 17 dB $C_{I,\Delta}$ = -11 dB $C_{I,r}$ = 0 dB

Evaluation based on laboratory measurement results obtained in one-third-octave bands by an engineering method.

Name of test institute:	The University of Salford, Acoustic Test Lab.		
No. of test report:	0392-4253	Signature:	
Date: 17 July 2020		Operator:	D. Wong-McSweeney