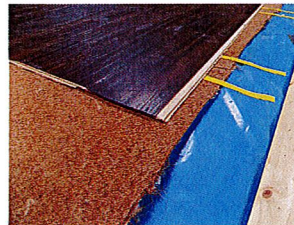


DETERMINING THE REDUCTION OF TRANSMITTED IMPACT NOISE BY FLOOR COVERINGS ACCORDING TO ISO 10140-3:2010

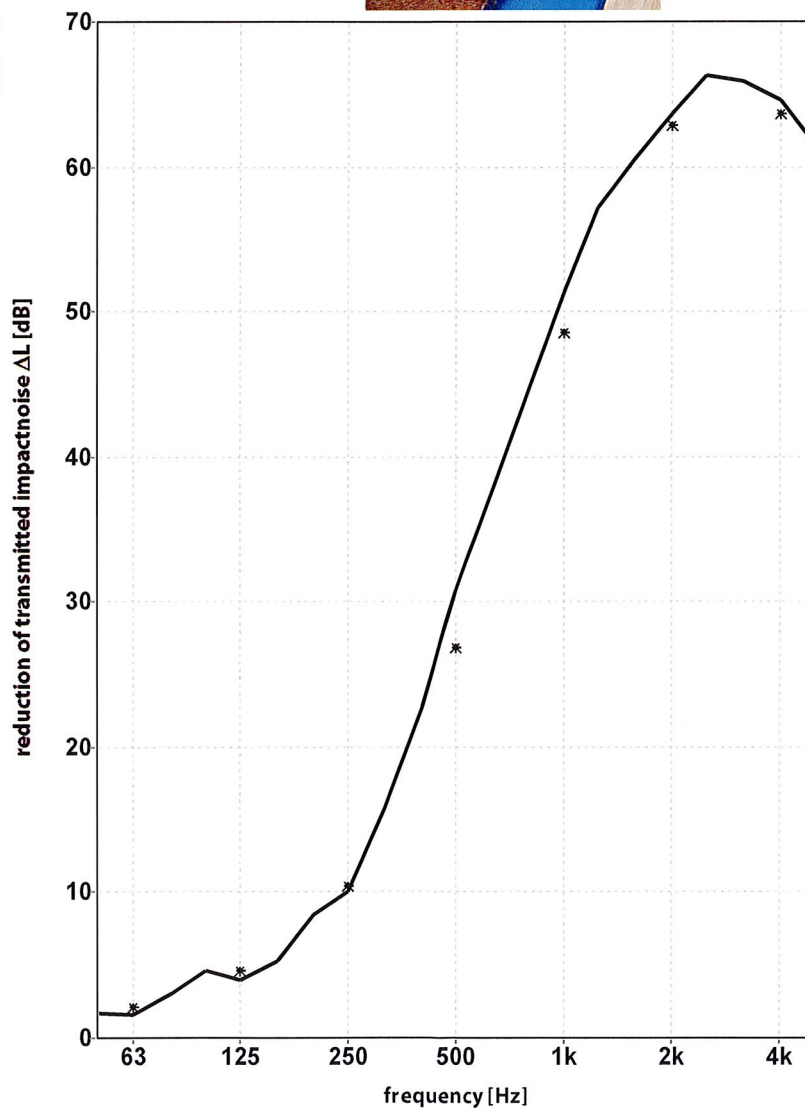


principal: Unifloor Underlay Systems

Variant	Underlayer (described from the laboratory floor with PE-foil)		Topfloor
12	5-6 mm Cocofloor	Jumpax Top	PVC dry back 2 mm



— 1/3 oct.
* 1/1 oct.



volume measuring room: 94 m³

surface area floor: 10 m²

measured at:
Peutz Laboratory for Acoustics

signal: tapping machine

bandwidth: 1/3 octave

ISO 717-2:2013

$\Delta L_{lin} = 13 \text{ dB}$

$\Delta L_w = 24 \text{ dB}$

	1,7	4,6	8,5	22,8	44,9	60,6	65,9
1/3 oct.	1,6	4,0	10,0	30,8	51,4	63,6	64,6 dB
	3,1	5,3	15,7	37,6	57,1	66,3	61,5
1/1 oct.	2,1	4,6	10,5	26,8	48,6	62,9	63,6 dB