ecolay

PRODUCT DATA SHEET

MATERIAL
≥ 90 % rubber-textile
Fabric coating on both sides

APPLICATION
Impact noise insulation layer for floating floors

IMPACT NOISE INSULATION
ΔL_{nw} 19 dB acc. ISO 717-2

Ecolay – eco-friendly noise insulation layer for floating floors.

RANGE OF USE

Ecolay is an innovative product, designed to decouple various impact noise sources – such as walking persons, moving chairs or sliding trolleys – to enumerate some of them.

Ready for the use underneath floor heating systems, gyps screed, cement based screeds or any other floor system, Ecolay performs best when implemented with floating screed.

FACTS & FIGURES

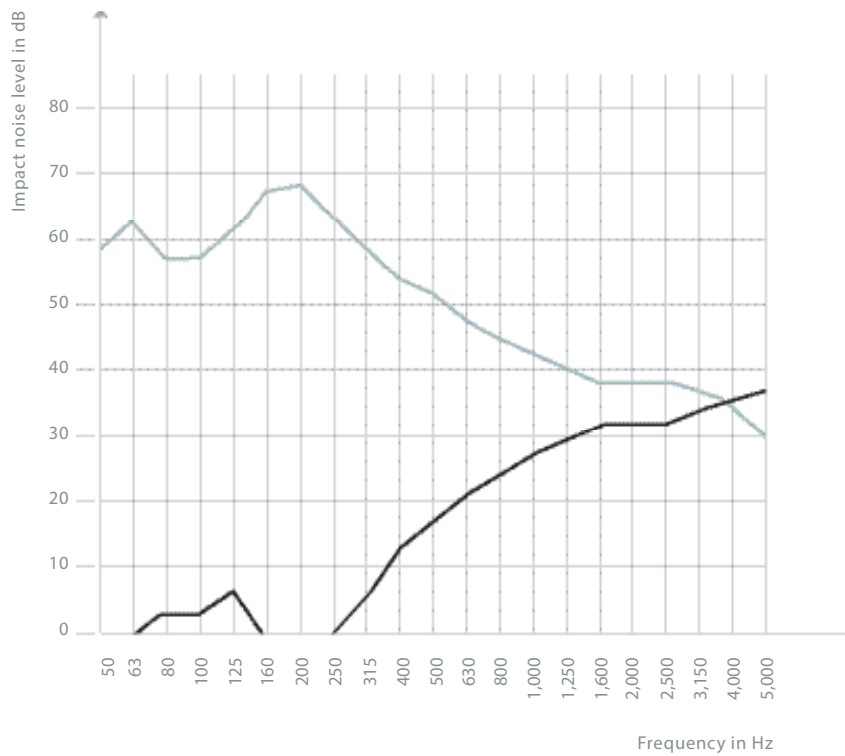| 3 mm thickness	1 kg/m²	≥ 90 % recycling
≤ 55 MN/m³ EN 29052-1	3.000 kg/m²	≤ 1 mm EN 12431
ΔLnw = 19 dB ISO 717-2	Class E EN 13501-1	Eurofins GOLD Indoor Air Comfort

REDUCED CO_2 FOOTPRINT

Conscious of its ecological footprint, Ecolay is made from 90 % recycled material.

The production process is designed to consume minimal resources to make Ecolay also eco-friendly.

Impact noise level

Impact noise level in dB

Frequency in Hz

Frequency (Hz)	Ln (dB)	ΔL (dB)
50	58.7	-0.5
63	63.1	-0.2
80	56.8	2.8
100	58.2	3.8
125	62.3	6.7
160	67.5	-1.1
200	68.6	-3.7
250	64.8	1.1
315	59.6	5.8
400	54.4	12.3
500	51.7	16.2
630	47.7	20.7
800	45.2	23.8
1,000	42.2	27.2
1,250	39.8	29.5
1,600	38.4	31.5
2,000	38.2	32.2
2,500	38	32.6
3,150	37.2	34.3
4,000	34.9	35.4
5,000	30.4	37.8

Build up: 50 mm screed
3 mm ecolay
140 mm structural slab

CERTIFICATES

LEED	BREEAM
MR 2.0 Eco-friendly construction materials	***
EQ 4 / IEQ Indoor Air Quality A+	HEA 02 Gold Indoor Air Quality A+
IEQ Credit Acoustic improvement	HEA 05 Acoustic improvement
MR 4 Recyclable	MAT 03 Responsible sourcing of materials

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For more information visit:
getzner.com/ecolay