

ISOLNOISE AE

Aetolia™ absolute technological synthesis, the ISOLNOISE AE range combines workability, efficiency and resistance. The ISOLNOISE AE products come from the ELT recycling made with natural and synthetic elastomeric compounds (750 kg/m³ density) designed for various structural application. They are products walkable, with a very high mechanical resistance, excellent impact absorbance capacity, and good elastic “memory”. They are also very resistant to abrasion and, if exposed to permanent

loads, give excellent elastic and crushproof performances over time. The production’s techniques and the new robotic processes have created a line of unmatched characteristics. ISOLNOISE AE. Excellence becomes simplicity



Materials dimensions and thicknesses



	M.U.	ISOLNOISE					
		3	4	5	6	8	10
Thickness	mm	3	4	5	6	8	10
Height	m	1					
Length	m	15	12	10	8	6	5
m ² per roll	m ²	15	12	10	8	6	5

Performances

Description	M.U.	References	ISOLNOISE					
			3	4	5	6	8	10
Apparent dynamic rigidity s't	MN/m ³	UNI EN 29052-1	88	66	53	44	40	37
Resonance frequency f ₀	Hz	UNI EN 29052-1	105	91	82	75	71	68
ΔL _w with screed on top 115 kg/m ²	dB	UNI EN 12354-2	19	21	23	24	25	26
Thermal conductivity λ	W/mK	UNI EN ISO 12667	0,1226					

Notes

Certified value for thicknesses 3-4-5-6. Internal laboratory value for thicknesses 8-10.

Generic purpose

ISOLNOISE AE is used as decoupling elastic-resilient mat for the creation of floating floors to reduce the impact sound noises in buildings with any intended purpose, so to comply with the law requirements.

Applications

It is used over the fixtures lightened trimming screed or directly over the concrete layer.

- 1) Final coating
- 2) Screed lodging
- 3) **ISOLNOISE AE**
- 4) Lightened trimming screed
- 5) Concrete layer
- 6) Floor
- 7) Plaster

