

AECOSILENT SPECIAL

AECOSILENT SPECIAL is proposed in the market as an example of accomplished synthesis between environment, technology and innovation. The creation of a product with high performances through the use of recycled materials is a challenging project implemented through new technologies. AECOSILENT SPECIAL designed as floor product is made up of a ELT rubber mat (50 Kg/m³ density, 2 mm thickness) coupled with a polyester fibre layer (30-50 Kg/m³ density, 6 mm thickness). The characteristics of hardness, treading, resistance to compression and abrasion, crushproof over

time and the elastic module typical of the upper layer are such to protect the material of the lower layer. Easy to use, AECOSILENT SPECIAL provides results in line with the promised performances.



Materials dimensions and thicknesses



Product supplied in roll (already coupled)

Roll length 10 m.
Roll height 1m.
Total thickness 8 mm
Product surface 10 m²

Performances

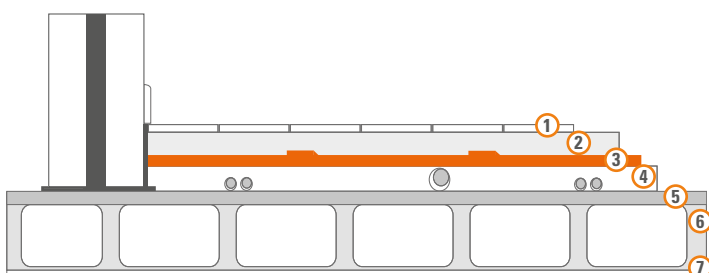
Description	M.U.	Value	References	Notes
Absolute dynamic rigidity s'	MN/m ³	8	UNI EN 29052-1	Cert. n° 006-2016-RIG
Resonance frequency f_0	Hz	31	UNI EN 29052-1	Cert. n° 006-2016-RIG
ΔL_w	dB	35	UNI EN 12354-2	screed weight on top 115 kg/m ²
Thermal conductivity λ	W/mK	0,0439	UNI EN ISO 12667	calculated value

Generic purpose

AECOSILENT UNDER 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 efficiently used in any kind of floors, over the screed.



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