VALLI ZABBAN

ACOUSTIC DIVISION

NOVAFLEX AESOUND

RUBBER AND CORK HIGH DENSITY ELASTIC-RESILIENT PANEL

Ecological membrane for impact sound noises acoustic insulation made of 750 kg/m^3 density mat made up of natural and synthetic elastomeric compounds, coming also from the recycling of ELT (end of life tyres), bound by mass-polymerized polyurethanes.

ACOUSTIC PERFORMANCES

DESCRIPTION	SYMBOL	M.U.	VALUE	NORMS	DESCRIPTION
Impact sound noise attenuation level	(ΔL_w)	dB	15	UNI EN ISO10140-3	Test under ceramic
Impact sound noise attenuation level	(ΔL_w)	dB	17	UNI EN ISO10140-3	Test under glued 15 mm parquet
Impact sound noise attenuation level	(ΔL_w)	dB	21	UNI EN ISO10140-3	Test under glued floating parquet

THERMAL PERFORMANCES

DESCRIPTION	SYMBOL	M.U.	VALUE	NORMS	NOTES
Thermal conductivity	(λ)	W/mK	0,085	UNI EN 12667:2002	Internal laboratory test

PHYSICAL-MECHANICAL PERFORMANCES

DESCRIPTION	M.U.	VALUE	TOLERANCES
Density	Kg/m^3	750	± 7 %
Thickness	mm	2,5	± 10 %

DESCRIPTION	M.U.	VALUE	NORMS
Elongation percentage at break	%	27	
Heat resistance	°C	Up to + 80	
Cold resistance	°C	Up to -30	
Fire rating		B2	DIN 4102
SHORE A hardness		50	

VALLI ZABBAN since 1928

QASE Integrated System

QUALITY SYSTEM ISO 9001 · ENVIRONMENTAL SYSTEM ISO 14001 · SAFETY SYSTEM OHSAS 18001 · SOCIAL ACCOUNTABILITY SA 8000

TONON GROUP building inspiration

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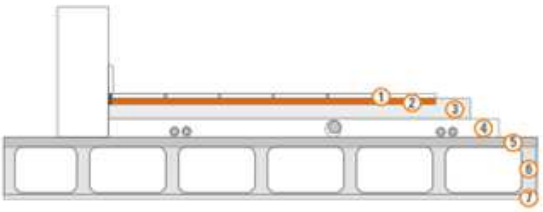
CHEMICAL PERFORMANCES

CHARACTERISTIC	PERFORMANCES
Emission of volatile organic compounds	Class A+ according to norm ISO 16000-9:2006
Resistance to microbes	Resistant to fungi, insects and microbes attacks
Chemical interactions	Highly resistant to acids and alkaline detergents, retains its characteristics unchanged over time
Electrostatic	Does not accumulate static charge and prevent interaction between materials
Environmental sustainability	100 % recyclable

SPECIFICATION

Impact sound noises acoustic insulation obtained by carrying out a floating floor over a suitable de-coupling layer in elastic-resilient material laid directly under the floor. The material is formed of a 750 kg/m^3 (± 7%) density mat made up of natural and synthetic elastomeric compounds, coming from the recycling of ELT (end of life tyres) and cork granule, bound by mass-polymerized polyurethane, 2,5 mm. thickness, with an attenuation rating index of impact sound noise pressure level of ΔL_w = 15 to 21 dB such as NOVAFLEX AESOUND by VALLI ZABBAN.

APPLICATION – FLOOR



1) Finishing
2) NOVAFLEX AESOUND
3) Lodging screed
4) Lightened screed
5) Concrete layer
6) Floor
7) Plaster

Directly on the floor lodging screed or old floor

APPLICATION METHOD

1 Glue with concrete or polyurethane glue the rubber layer to the floor lodging screed or directly over the old floor making sure to lay the panels perfectly next to each other and make the floating tank by self-adhesive polyethylene bands AEFLEX SR.
2 After 24 hours from the laying of the resilient material lay the new floor using the same glues.
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DIMENSION AND PACKAGING

SIZE	M.U.	VALUE
Thickness	mm	2,5
Roll height	m	15
Roll length	m	1
Weight per m^2	Kg/m^2	1,88
Number of rolls per pallet	piece	20
Total area per pallet	m^2	300
Pallet dimension	cm	100x120x100+10 cm

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