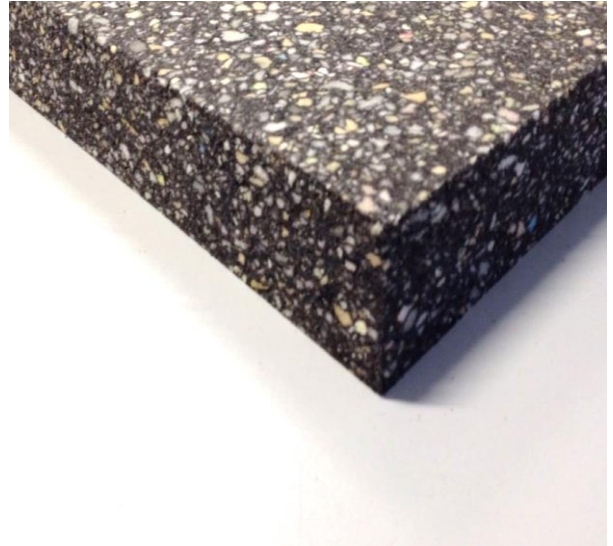


PRODUCT DESCRIPTION AND APPLICATION

ARCO WALL TECH is an eco-friendly soundproofing and it is obtained using latex and foam recycled. The product is rot-resistant, it is not water-soluble, and it is not irritating to skin contact, eyes and the respiratory system. The article keeps its technical performance over time. The product is applied in hollow space of double brick walls between different housing units.



GENERAL INFORMATION AND ADVICE

The airborne wall insulation between different housing units [R^3_w] will be obtained using ARCO WALL TECH, a product by ARCOACUSTICA Company. The product will be inserted in the hollow space of the double walls between different housing units. The airborne wall insulation (R_w) 56.0 dB, thermal resistance (R) 1.22 m^2K/W , water vapour transmission resistance (μ) 5.0. The system implementation will have to be carried out in compliance with the instructions specified in the installation procedure by the manufacturer.

Picture of the product

SUMMARY OF MAIN FEATURES

Evaluation criterion	Procedure	Symbol	Tech ⁴	U.M.
Nominal thickness	IM/AL 2014	s	40.0	mm
Panel length	IM/AL 2014	L	200.0	cm
Panel height	IM/AL 2014	W	100.0	cm
Surface mass	IM/AL 2014	Ms	3.2	Kg/m ²
Density	IM/AL 2014	Mv	70.0	Kg/m ³
Thermal conductivity	EN 12667 ISO 8302	λ_D	0.038	W/mK
Elastomer D.S.C.	ISO 11357/1 ISO 357/2	C _p	1800	J/kgK
Water vapour transmission resistance	EN 12086	μ	5.0	/
Product thermal resistance	ISO 13786 ISO 6946	R	1.22	m ² K/W
Fire reaction class	EN 13501/1	Classe	F	/
Elastomer lower heating value	/	LHV	38000	kJ/kg
Application product	/	/	ad. foam	s

Warning: Other sizes are available upon request

ACOUSTIC PROPERTY

Evaluation criterion	Procedure	Simbolo	Tech ⁴	U.M.
Airborne wall insulation	ISO 12354/3	R_w	56.0	dB
Airborne facade insulation	ISO 140/5 ISO 717/1	R^3_w	51.0	dB
Panel's airborne noise insulation	ISO 140/4 ISO 717/1	R^1_w	24.0	dB
Airflow resistance	ISO 29053	r	13.5	kPa*s/m ²
Rating of sound absorption	ISO 11654 ISO 354	α_w	0.75	/
Apparent dynamic stiffness	ISO 29052/1	s'_t	2.0	MN/m ³
Dynamic stiffness	ISO 29052/1	s'	4.8	MN/m ³

Warning: ArcoAcustica disclaims any civil or criminal liability arising from not compliant products using

PACKING

Evaluation criterion	Tech ⁴	U.M.
Pallet size	200x100	cm
Product weight on pallet	320.0	kg
Number of meters per pallet	100.0	m ²
Number of panel per pallet	50	pannelli

Warning: ArcoAcustica reserves the right to change the technical specifications of all products without prior notice.