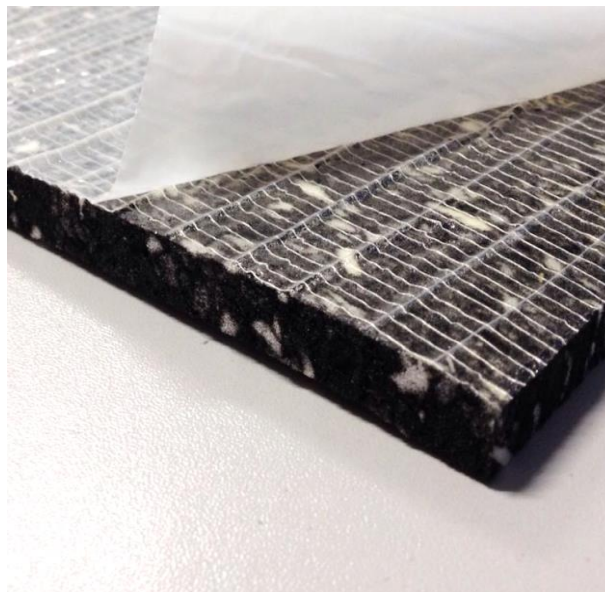


PRODUCT DESCRIPTION AND APPLICATION

ARCO EASY is an adhesive article sound-insulation/sound-absorbing and it is obtained using high density latex and foam recycled. ARCO EASY is applied to gypsum board to increase the sound insulation. ARCO EASY keeps its technical performance over time. The article is used to increase the facade acoustic insulation in buildings renovation and its application is in contact with the existing walls.



Picture of the product

GENERAL INFORMATION AND ADVICE

The facade sound insulation for existing walls [$D_{2m,nTW}$] will be obtained using ARCO EASY, a product by ARCOACUSTICA Company. The product will be applied to a plaster slab coated after removing the protective film, and then it is laid as padding onto the existing structure, fixed with adhesive and polypropylene dowels. Its dynamic stiffness (s') 23.0 and 17.0 kg/m², wall airborne noise insulation (R_w) 58.0 and 60.0 dB. The system implementation will have to be carried out in compliance with the instructions specified in installation procedure by the manufacturer.

SUMMARY OF MAIN FEATURES

Evaluation criterion	Procedure	Symbol	Easy ⁸	Easy ¹⁴	U.M.
Nominal thickness	IM/AL 2014	s	8.0	14.0	mm
Roll length	IM/AL 2014	L	15.0	8.0	m
Roll height	IM/AL 2014	W	120.0	120.0	cm
Surface mass	IM/AL 2014	Ms	1.6	2.8	Kg/m ²
Density	IM/AL 2014	Mv	/	/	Kg/m ³
Thermal conductivity	EN 12667 ISO 8302	λ_D	0.038	0.038	W/mK
Elastomer D.S.C.	ISO 11357/1 ISO 357/2	C	1800.0	1800.0	J/kgK
Water vapour transmission resistance	EN 12086	μ	5.2	5.2	/
Product thermal resistance	ISO 13786 ISO 6946	R	0.21	0.37	m ² K/W
Fire reaction class	EN 13501/1	Classe	F	F	/
Elastomer lower heating value	/	LHV	38000	38000	kJ/kg

Warning: Other sizes are available upon request

ACOUSTIC PROPERTY

Evaluation criterion	Procedure	Symbol	Easy ⁸	Easy ¹⁴	U.M.
Wall airborne noise insulation	ISO 12354/3	R_w	58.0	60.0	dB
Facade airborne noise insulation	ISO 140/5 ISO 717/1	$D_{2m,nTW}$	/	/	dB
Increased airborne noise insulation	ISO 12354/1	ΔR_w	15.5	17.5	dB
Airflow resistance	ISO 29053	r	>100.0	>100.0	kPa*s/m ²
Dynamic stiffness	ISO 29052/1	s'	23.0	17.0	MN/m ³

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

PACKING

Evaluation criterion	Easy ⁸	Easy ¹⁴	U.M.
Pallet size	80x120	80x120	cm
Product weight on pallet	175.0	165.0	kg
Number of meters per pallet	108.0	57.6	m ²
Number of rolls per pallet	6	6	Rolls

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