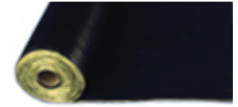


Membrana Acústica Danosa M.A.D.4 autoadhesiva is a high density membrane of bitumen modified self-adhesive specifically designed to behave as an anti resonant material.  
It is an efficient substitute for lead sheets



## TECHNICAL DATA

TECHNICAL DATA	VALUE	UNIT	STANDARD
Thickness tolerance	< 10	%	EN 823
Length and width tolerance	< 5	%	EN 822
Nominal mass	> 6,3%	Kg/m <sup>2</sup>	EN 1849-1
Mass tolerance	10	%	EN 1849-1
Young's module	70	kPa	EN ISO 527-2
Tensile strength: transversal	0,48	-	-
Resistance to tearing (nail shank)	180±50	N	EN 12310-1
Reaction to fire	E	Euroclase	EN 13501-1
Sound reduction index improvement between plasterboard, ΔR	4	dB	EN 140-16
Insulation improvement to 125 Hz (rigid elements)	6	dB	EN 140-16
Insulation improvement to 125 Hz (like panel absorber)	> 9,5	dB	EN 140-16

## INFORMACIÓN MEDIOAMBIENTAL

Environmental Information	Declared Value	Units	Norm
Content of recycled raw material	15	%	-
Pre-consumer Recycled Content	0	%	-
Post-consumer Recycled Content	60	%	-
Manufacturing Location	Fontanar, Guadalajara (España)	-	-
Volatile organic compounds (VOCs)	50	µg/m <sup>3</sup>	ISO 16000-6:2006.

Decree No. 2011-321 of 23 March 2011 the Ministry French Ecology, Sustainable Development, Transportation and Housing

## STANDARDS AND CERTIFICATION

Acoustic certifications resulting from approved laboratory tests.

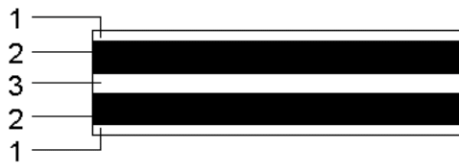
Laboratory	Test (EN 140-3) No	Result (EN 717-1)
L.G.A.I.	98.012.319	R <sub>w</sub> = 33 dB
L.G.A.I.	98.012.316	R <sub>w</sub> = 49 dB
L.G.A.I.	98.012.317	R <sub>w</sub> = 57 dB
L.G.A.I.	98.012.318	R <sub>w</sub> = 68 dB
LABEIN	B130-134-H91	R <sub>w</sub> = 65 dB
LABEIN	B130-134-H94	R <sub>w</sub> = 66 dB
DANOSA	95/MAD/012	R <sub>w</sub> = 39 dB

## SCOPE

- It is used between rigid elements such as laminated plasterboard to improve insulation at low frequencies, both on vertical and horizontal walls.
- Used between spring elements (fibers, rock wool) to increase the overall insulation of the treatment, significantly improving low frequencies through the membrane effect within mass-spring-mass systems.
- It is used in industrial insulation as an anti-resonant material, providing acoustic mass to galvanized steel sheets.

## PRESENTATION

PRESENTATION	VALUE	UNIT
Length	6	m
Width	1	m
Total thickness	4	mm
Nº rolls per pallet	28	ud
m <sup>2</sup> per pallet	168	m <sup>2</sup>
Product Code	610036	-



1. polyethylene film
2. modified bitumen
3. fibreglass (60 g/m<sup>2</sup>)

## INSTRUCTION FOR USE

An installation of the Membrana Acústica Danosa M.A.D.4 autoadhesiva is shown in the following pictures:

1. Remove non-stick paper
2. Continue the membrane
3. Fix the MAD to the 1st board
4. Set 2nd board.

## INDICATIONS AND IMPORTANT RECOMMENDATIONS

- Any adhesive product in order needs a dry and clean surface to stick. If this is not possible for the jobs progress, then the use of a wet primer CURIDAN at a rate of 50 gr/m<sup>2</sup> is suggested.
- Install with temperatures above a 10°C. To maintain its temperature in winter, store to sun light before applying.
- Check the product's technical sheet on safety.
- For further information, please contact our technical staff.