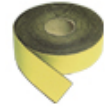


FONODAN 50

FONODAN 50 is a two layer product made of a self-adhesive mass loaded high-density membrane thermally bonded to a cross-linked polyethylene.



FONODAN 50 acoustically works as spring between the gypsum board and frame.

TECHNICAL DATA

TECHNICAL DATA	VALUE	UNIT	STANDARD
Nominal mass	115	gr/ml	EN 1849-1
Thickness	3.9	mm	EN 1923
Thickness tolerance	+/- 0.2	%	EN 823
Length and width tolerance	1	%	EN 822
Airborne sound insulation improvement, ΔR_w	> 3	dB	EN 140-16
Dynamic stiffness	≤ 100	MN/m ³	EN 29052-1
Hysteresis load	> 2	Nm	EN 3386-1
Remaining deformation, (24h, 50% compression, 23°C)	< 35	%	EN 1856
Tensile strength: longitudinal	> 450	N/5 cm	EN 12311-1
Work temperature	> 10	°C	-
Reaction to fire	F	Euroclase	EN 13501-1
Cross-linked polyethylene thermal conductivity	0.050	w/m°K	EN 12667 EN 12939

INFORMACIÓN MEDIOAMBIENTAL

Environmental Information	Declared Value	Units	Norm
Content of recycled raw material	14.4	%	-
Pre-consumer Recycled Content	100	%	-
Post-consumer Recycled Content	0	%	-
Manufacturing Location	Fontanar, Guadalajara (España)	-	-
Volatile organic compounds (VOCs)	15	$\mu\text{g}/\text{m}^3$	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.

- (1) N13 + 50 air cavity + N13
- (2) N13 + mineral wood 40 + N13

Laboratory	Test (EN 140-3) No	
E.U.I.T.T ¹	UPLA 053/01	$R_A = 37$ dBA
E.U.I.T.T ²	UPLA 054/01	$R_A = 42.3$ dBA

SCOPE

- Antiresonant adhesive stripe to improve the plasterboard frames, specially in masonry between independent panels systems of only board.
- Against impact noises in the frames of laminated floors, is also suitable as protection against the support dampness.
- Antiresonant stripe in metallic structures in roofs with tiles.

PRESENTATION

PRESENTATION	VALUE	UNIT
Length	10	m
Width	4.6	cm
Total thickness	3.9	mm
pack / pallet	36	un
Units per package	7	ud
Product Code	610202	-

INSTRUCTION FOR USE

An installation of the FONODAN 50 is shown in the following pictures:



1. Remove non-stick paper
2. Stick in the horizontal profile
3. Stick in vertical profile
4. Fix the board

INDICATIONS AND IMPORTANT RECOMMENDATIONS

- It is not necessary that the stripe FONODAN 50 is laid down exactly one along or aside the other; discontinuities if small do not affect the performance.
- 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.

WARNING

The information contained in this document and any other advice provided, are given in good faith, based on TIKIDAN's current knowledge and experience when products are properly stored, handled and applied, in normal situations and in accordance with the recommendations of TIKIDAN. The information applies only to the application (s) and the product (s) to which reference is expressly made. In case of changes in the parameters of the application, or in case of a different application, consult the TIKIDAN Technical Service before using the TIKIDAN products. The information contained herein does not exonerate the responsibility of the building agents to test the products for the application and intended use, as well as their correct application in accordance with current legal regulations.

Orders are accepted in accordance with the terms of our current General Sales Conditions.
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