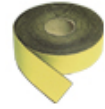


FONODAN 50

Fonodan 50 is a two layer product made of a self-adhesive high density bitumen 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	175	gr/ml	EN 1849-1
Thickness	4	mm	EN 1923
Thickness tolerance	< 5	%	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	> 1.9	Nm	EN 3386-1
Remaining deformation, (24h, 50% compression, 23°C)	< 35	%	EN 1856
Tensile strength: longitudinal	> 600	N/5 cm	EN 12311-1
Work temperature	> 10	°C	-
Reaction to fire	F	Euroclase	EN 13501-1
Cross-linked polyethylene thermal conductivity	0.040	w/m°K	EN 12667 EN 12939

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 that appears in the following document makes reference to the uses and utilities of danosa's products and systems, and it is based on the knowledge that have been learnt until present, by Danosa. This is only possible if products have been stored and used in an appropriate way.

Nevertheless, Danosa is not responsible for unsuitable uses of the products neither any other facts, such as meteorological facts. So Danosa is just responsible for the quality related to the provided products.

Danosa reserves the right to carry out modifications without previous notice.

The values that appear in the technical sheet are the results of the tests that have been performed in our laboratory. April 2012.

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