

FONODAN 900

FONODAN 900 is a two layer product made of a self-adhesive mass loaded high-density membrane thermally bonded to a cross-linked polyethylene.



FONODAN 900 acoustically works as shock absorber in mass-spring-mass system in floor, and removing resonant frequencies in plasterboard system.

TECHNICAL DATA

TECHNICAL DATA	VALUE	UNIT	STANDARD
Nominal mass	2300	gr/ml	EN 1849-1
Thickness	3.9	mm	EN 1923
Thickness tolerance	+/- 0.2	%	EN 823
Length and width tolerance	1	%	EN 822
Improvement to impact noise ΔL_n	22	dB	
Airborne sound insulation improvement, ΔR_w	> 4	dB	EN 140-16
Dynamic stiffness	≤ 70	MN/m ³	EN 29052-1
Hysteresis load	> 2	Nm	EN 3386-1
Remaining deformation, (24h, 50% compression, 23°C)	< 35	%	EN 1856
Humidity resistance factor	>20000	-	EN 1913
Tensile strength: longitudinal	> 450	N/5 cm	EN 12311-1
Work temperature	> 10	°C	-
Reaction to fire	NPD	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.

Laboratory	Test (EN 140-3) No	Result (EN 140-16)
Danosa (between plasterboard)	F 900 03PL/2011	$\Delta R_w = 4$ dB
Danosa (impact sound pressure)	F 900 02R/2010	$L_{nW}(C_1) = 56$ (1) dB

SCOPE

- FONODAN 900 is specially designed as antiresonant material for rigid elements like laminated plaster, wooden or panels.
- It also gives good impact noise insulation in laminated floors, reducing its sound emission.
- In renewals against impact noise on dry supports.
- Cut to measure it serves as elastic band to light-weighted elements as plaster drywalls, sanitary equipment, metal or plastic pipes, etc.

PRESENTATION

PRESENTATION	VALUE	UNIT
Length	10	m
Width	0.92	m
Total thickness	3.9	mm
Rolls / pallet	16	un
M ² /pallet	147.2	m ²
Product Code	610201	-

INSTRUCTION FOR USE

An installation of the FONODAN 900 is shown in the following pictures:



1. Extend.
2. Seal overlap.
3. Install dry floating floor.

INDICATIONS AND IMPORTANT RECOMMENDATIONS

- Any adhesive product in order needs a dry and clean surface to stick. If this is not possible for the job's progress, then the use of a wet primer CURIDAN at a rate of 50 gr/m² is suggested.
- Install with temperatures above a 10°C. To maintain its temperature in winter, store to sun light before applying.

If installed below laminated floor:

- Differences in height of or above 3 mm in 1 m must be previously leveled with leveling paste.
- CINTA ADHESIVA CONFORDAN stripe with aluminum will be used as junction for the stripes and for other zones such as pillars, walls and other structural elements serving as electrical grounding.
- 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.

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