

FONODAN 900

Fonodan 900 is a two layer product made of a self-adhesive high density bitumen 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	1400	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	> 4	dB	EN 140-16
Dynamic stiffness	≤ 70	MN/m ³	EN 29052-1
Hysteresis load	> 1.9	Nm	EN 3386-1
Remaining deformation, (24h, 50% compression, 23°C)	< 35	%	EN 1856
Humidity resistance factor	> 100.000	-	EN 1913
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.

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	4	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 jobs 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 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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