

## CONFORDAN AL

Flexible cross-linked polyethylene membrane, finished in an aluminized LPDE film.

It is used as an acoustic insulation and protection against humidity under laminated floors.



### TECHNICAL DATA

TECHNICAL DATA	VALUE	UNIT	STANDARD
Thickness	3	mm	EN 1923
Thickness tolerance	< 10	%	EN 823
Length and width tolerance	< 10	%	EN 822
Reduction of transmitted impact noise, $\Delta L_n$	18	dB	EN 140-8 EN 717-2
Dynamic stiffness	$\leq 100$	MN/m <sup>3</sup>	EN 29052-1
Density	40 $\pm$ 10%	kg/m <sup>3</sup>	EN 845
Hysteresis load	> 1.9	Nm	EN 3386-1
Water absorption under hydrostatic pressure			
Water diffusion factor, $\mu$	> 2000	-	EN-12086
Compression strength to 25%	18	kPa	UNE EN ISO 3386-1
Compression set 24 h, 50% comp., 23°C	< 10	%	EN 1856
Tensile strength	> 240	kPa	EN 1798
Reaction to fire	F	Euroclase	EN 13501-1
Thermal conductivity	0.040	W/mK	EN 12667

### ENVIRONMENTAL INFORMATION

Environmental Information	Declared Value	Units	Norm
Content of recycled raw material	5	%	-
Pre-consumer Recycled Content	100	%	-
Post-consumer Recycled Content	0	%	-
Manufacturing Location	Fontanar, Guadalajara (España)	-	-
Volatile organic compounds (VOCs)	30	$\mu\text{g}/\text{m}^3$	ISO 16000-6:2006.

### STANDARDS AND CERTIFICATION

Acoustic certifications resulting from approved laboratory tests.

Laboratory	Test (EN 140-3) No	Result (EN 717-1)
DANOSA (CONFORDAN AL)	DAN-009-TAR01	18 dB

### SCOPE

- In renewal of floors in dwellings with radiator heating system.
- Complement of the Floating floors system in dwellings.
- Moisture barrier and separation for laminated floating finishes.

### PRESENTATION

PRESENTATION	VALUE	UNIT
Length	15	m
Width	0.95	m
Total thickness	3	mm
Product Code	620032	-

## INSTRUCTION FOR USE

An installation of the CONFORDAN AL is shown in the following pictures:



1. Extend and seal
2. Place 1st board
3. Set as system flooring
4. Aluminum tape to take away static electricity

## INDICATIONS AND IMPORTANT RECOMMENDATIONS

- Differences in height of or above 3 mm in 1 m must be previously leveled with leveling paste.
- The panels must stay at least 48h acclimatizing to the room where they will be installed at a temperature of at least 18 °C, the relative humidity between 40% and 70%.
- Scotia must have a thickness of at least 15 mm to cover up the expansion gap and it must leave a small separation sealed with a silicone cord.
- Sealing tapes of natural aluminum must be used in order to reduce the static electricity.
- 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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