# FONODAN BJ

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

FONODAN BJ acoustically works providing the acoustic mass of the tube body and removing resonant frequencies.

## TECHNICAL DATA

| TECHNICAL DATA | VALUE | UNIT | STANDARD |
|---|---|---|---|
| Nominal mass | 1100 | gr/ml | EN 1849-1 |
| Thickness | 3.9 | mm | EN 1923 |
| Thickness tolerance | +/- 0,2 | mm | EN 823 |
| Length and width tolerance | 1 | % | EN 822 |
| Insert Loss, IL (1) * | > 12 | dB | - |
| 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 | kPa | EN 1798 |
| Work temperature | > 10 | °C | - |
| Reaction to fire | B s1 d0 | 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 | µg/m$^3$ | ISO 16000-6:2006. |

ÉMISSIONS DANS L'AIR INTÉRIEUR'

A+

A+ A B C

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) IL in straight segments without duplicating the application of 12 dB (total solution)
(2) In corners after duplication of the application of 17 dB (total solution)
(3) Only product 9,5 dBA (UNE 14.366)

| Laboratory | Test (EN 140-3) No | Result (EN 717-1) |
|---|---|---|
| Danosa (single) (1) | BAJANTE 10/2003 | IL = 12 dBA |
| Danosa (double) (2) | BAJANTE 12/2003 | IL = 17 dBA |
| I.C.C. EDUARDO TORROJA (3) | 19.960 | IL = 9.5 dBA |

## SCOPE

- The FONODAN BJ is specially designed to minimize the noise of the drain pipes in all buildings.
- Fonodan 130 increases insulation in the noisiest of downspouts, such as elbows and fittings.
- Fonodan 70 reduces the noise of water flowing along the passing pipes located in the false ceilings.
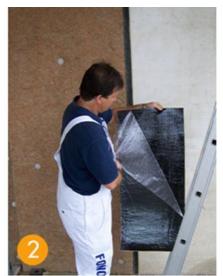
## PRESENTATION

| PRESENTATION | VALUE | UNIT |
|---|---|---|
| Length | 10 | m |
| Width | 42 | cm |
| Total thickness | 3.9 | mm |
| Rolls per pallet | 32 | rolls |
| ml / pallet | 320 | ml |
| Product Code | 610207 | - |

## INSTRUCTION FOR USE

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

Measure and cut    Remove nonstick paper    Stick to the tube    Duplicate in the curve

## INDICATIONS AND IMPORTANT RECOMMENDATIONS

- Any adhesive product in order needs a dry and clean surface to stick.
- The product must be cut on top of a clean surface in order to avoid contact of the polyethylene with dust.
- Using bridles ensures a long-lasting adherence between the product and the pipe.
- Install with temperatures above a 10ºC. To maintain its temperature in winter, store to sun light before applying.
- Special caution will be given when the pipes pass through slab, sealing possible spaces between them and FONODAN BJ, with elastic paste with high density.
- 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.
TIKIDAN reserves the right to modify, without prior notice, the data reflected in this documentation.