

## Technical data sheet



### Benefits:

- More comfortable buildings and houses
- Adds sound insulation to impact noises
- Quick and easy to install
- Light and flexible
- Reduced thickness
- No special tools, equipment and clothing required

### Precautions to take:

Since the product may contain some residue of flammable gas, it must be stored in a well-ventilated place, and avoid placing it within the reach of the flame.

### Thermal Equivalence

|                            |      |
|----------------------------|------|
| Glass Wool                 | 30mm |
| Rock Wool Type IV          | 30mm |
| Expanded Polystyrene (EPS) | 30mm |
| Extruded Polystyrene (XPS) | 30mm |

### Acoustic Insulation

| Refª. | Length x Width<br>(± 2,5%) | Area<br>(± 2%)   | Ø<br>(± 5%) |
|-------|----------------------------|------------------|-------------|
| F52A  | 50m x 1,20m                | 60m <sup>2</sup> | ± 48cm      |

### Technical Data

|                                       |   |
|---------------------------------------|---|
| Thickness                             | > 4mm (± 10%)                                     |
| Density (NP EN 1602)                  | 20 Kg/M3 (± 3Kg/M3)                               |
| Breaking strength (NP ISO 1798)       | Longitudinal = 8,32 Mpa<br>Transversal = 0,26 Mpa |
| Deflection by Compression (NP EN 826) | 10% = 4,95 kPa<br>25% = 10,44 kPa                 |
| Waterproofing (ASTM 96/94)            | 0%  |
| Thermal Conductivity (ISO8301)        | 0,037 W/(m.k)                                     |

### Composition

Formed by a layer of polyethylene foam, laminated on both sides with an aluminum film.

### Application Areas



- Floors / Flooring
- Construction / Rehabilitation of Buildings
- Modular Constructions - Wood, Light Steel
- Packaging (Thermal Boxes, Containers)