



# ISOLMANT TUBO

## EXTERNAL NOISE | INSULATION OF SMALL FACADE ELEMENTS

PRODUCT SPECIFIC FOR INSULATING VENTILATION AIR INTAKES ON PERIMETER WALLS

### WHAT IS ISOLMANT TUBO?

Patented acoustic silencer made of expanded porous polypropylene (P-EPP) with high sound absorption performance and low thermal conductivity. This element is cylindrical for a simple and quick installation. The sound absorbing properties of P-EPP ensure high performance without the use of fibrous and/or spongy materials that degrade over time and could compromise air quality. It is characterised internally by a helical geometry with a pitch such as to guarantee an airflow passage section of 100 cm<sup>2</sup>. Length 32 cm, diameter 19.4 cm. Grilles not included.

### SPECIFIC APPLICATIONS

Isolmant Tubo, an acoustic silencer for ventilation air intakes on perimeter walls, ensures compliance with the room ventilation standard, and improves the acoustic insulation of the façade. In addition, this product reduces thermal bridging and the resulting 'stains' on the outer wall. The product is symmetrical and therefore has no specific installation direction.

### ADVANTAGES

- It can be used in renovation and new construction.
- Lightweight, easy to handle (weight 165 g).
- Easy to install.
- High sound absorption.
- Low thermal conductivity.
- Unalterable over time.
- Of unlimited duration.

## ISOLMANT TUBO TECHNICAL SPECIFICATIONS

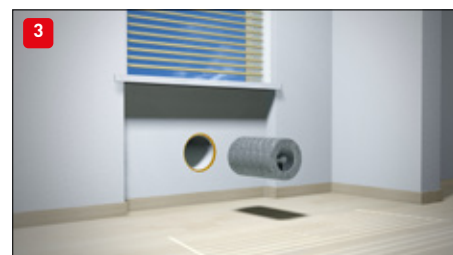
SIZE:	32-cm length cylinder with 19.4 cm external diameter.
ACOUSTIC INSULATION OF SMALL ELEMENTS:	$D_{n,e,w}$ : 40 dB <sup>(1)</sup>
CE MARKING:	Harmonised standards for CE marking are NOT currently available for acoustic insulation products. This means that Isolmant products are currently NOT subject to CE marking, nor to the drawing up of a PDO (declaration of performance) or DDP (declaration of performance). All Isolmant products are placed on the market in compliance with the regulations in force in the country of destination and with the necessary certifications to guarantee their use in dedicated applications.
PACKAGE:	20-Pack box containing one silencer each (grilles not included)

(1) CSI test report n.0107/DC/AC/10

### ITEM SPECIFICATIONS

Acoustic silencer for ventilation air intakes on perimeter walls made of porous expanded polypropylene (P-EPP) (Isolmant Tubo type). The device consists of a cylindrical body with an external diameter of 19.4 cm and a length of 32 cm, and is characterised internally by a helical geometry with a pitch such as to guarantee an air flow passage section of 100 cm<sup>2</sup>.  $D_{n,e,w} = 40$  dB.

### ISOLMANT TUBO INSTALLATION



1

**Installing Isolmant TUBO.** Drill the wall with a core drill equipped with a 20 cm diameter core bit. The position of the hole must be chosen in accordance with UNI EN 7129:2008 (dis. 1).

2

Insert a lightweight PVC pipe, one of those commonly used to make ventilation intakes (dis. 2).

3

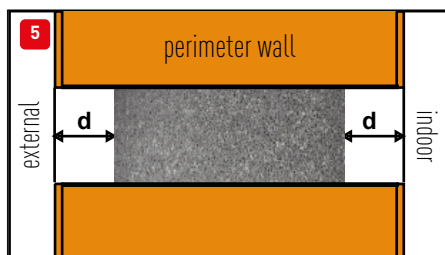
Place Isolmant Tubo inside the seat created. The product is symmetrical (it can be position in both directions). 3.

4

Make a silicone seal around the circumference of Isolmant Tubo in contact with the inner surface of the PVC pipe.

5

Position the grids (not included in the package) (fig. 4). When choosing the type of grille, attention must be paid to the size of the anchoring system, which must be smaller than the distance  $d$  (fig. 5) between the end of Isolmant Tubo and the end of the PVC pipe, either on the inner or outer side of the wall.



## WARNINGS:

\*This data sheet does not constitute a specification and, if it consists of several pages, please ensure that you have consulted the complete document. Although these instructions are the result of our best expertise they are indicative. The user should establish whether the product is suitable for its intended application. The user will be also in charge of all the responsibility for the use of the product itself.

\*\*The sound insulation values given in this technical data sheet are the result of laboratory tests or tests carried out on site: they cannot be considered a predictive value for every situation that may occur on site. Acoustic performance is closely linked to the specific conditions of each site.

\*\*\*Caution: do not expose the product to direct sunlight.

# isolmant



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