

ZEUS®

MATERIAL

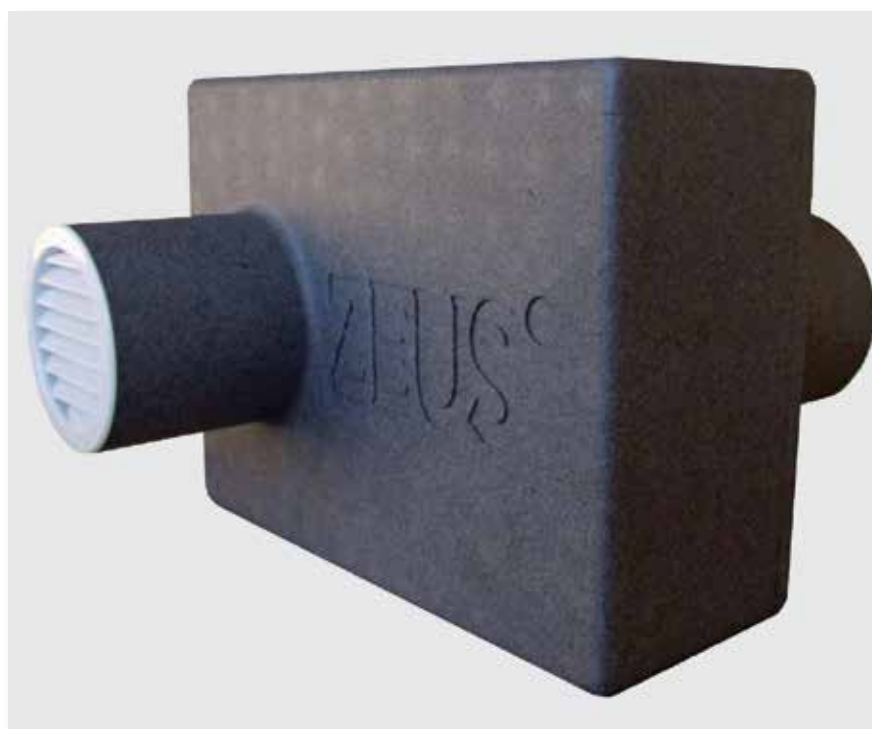
Zeus® is the muffler for ventilation holes that allows the compliance with the passive acoustic requisites of the façades. Zeus® is made of a special polystyrene printed at high density, impact-resistant and self-supporting polystyrene with improved CARBON BLACK conductivity, anthracite in color. Inside it is lined with a high sound absorption thermal insulating layer and, thanks to a special patented system "silent cable", allows for optimum air flow.

INSTALLATION

Zeus® is lightweight and quick and easy to apply as well as free from fibres inside that could circulate into the environment and in the air. Thanks to its shape and composition, it adapts to any constructive system (double masonry, monolithic, with any external coverings, etc.). It is made with material that is compatible with traditional cement mortars and plasters. Zeus® has an air inlet with a diameter of 15 cm. It is inclusive of special anti-insect grids, built-in, without the use of easily removable glues or mechanical fasteners. Zeus® is self-supporting and can therefore be applied in the implementation stage of the external façade, thus avoiding the subsequent breaking and restoring the external façade.

ZEUS® IS THE MUFFLER FOR VENTILATION HOLES THAT ALLOWS THE COMPLIANCE WITH THE PASSIVE ACOUSTIC REQUISITES OF THE FAÇADES

CE MARKED PRODUCT



FIELDS OF APPLICATION

Thermal and acoustic insulation of the building ventilation holes. Compatible with all cement mortars and traditional plasters.

DIMENSIONS

cm. 45x34x18

Inlets diameter: 150 mm

Length: 13 cm

PHYSICAL PROPERTIES

- **Soundproof insulation value:**
Dn2W= 54 dB (certificato)
- **Thermal conductivity of the EPS casing:** $\lambda = 0.031$ W/mk a 10°C
- **Thermal conductivity of the soundproofing material made of melamine resin:** $\lambda = 0.035$ W/mk a 10°C
- **Air flow:** >100 cm²

