

ZEUS®

CE MARKED PRODUCT



DIMENSIONS 45x34x18 cm

INLETS

DIAMETER 150 mm

LENGTH 130 mm

SOUNDPROOF INSULATION VALUE: $R_w = 54$ dB (certified)

THERMAL CONDUCTIVITY OF THE EPS CASING $\lambda = 0,031$ W/mK a 10°C

THERMAL CONDUCTIVITY OF THE SOUNDPROOFING MATERIAL MADE OF MELAMINE RESIN AT 10° C $\lambda = 0,035$ W/mK

AIR FLOW >100 cm²

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

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, dark grey in color. Inside it is lined with a high acoustic absorption thermal insulating layer in BASOTECT® G+ (BASF) melamine resin foam and, thanks to a special patented system "silent cable", allows for optimum air flow.

FIELDS OF APPLICATION

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

INSTALLATION

Zeus® is lightweight and quick and easy to apply as well as free from fibers 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.