

# SMART® 160

THE SMALLEST, INNOVATIVE, FAST AND FUNCTIONAL VENTILATION HOLE MUFFLER

CE MARKED PRODUCT



## STANDARD DIMENSIONS

**Length:** mm 440

**Diameter:** mm 160

## TECHNICAL CHARACTERISTICS

- **External covering:** EPS expanded polystyrene
- **Internal covering:** expanded melamine
- **Air flow:** > 100 cm<sup>2</sup>
- **Shape:** cylindrical, corner free < 90°
- **EPS thermal conductivity (10°C):** 0,031 W/mK
- **Expanded melamine thermal conductivity (10°C):** 0,035 W/mK
- **Soundproofing:** Dn2w 43 dB

## MATERIAL

Smart® 160 is the cylindrical muffer for ventilation holes that adapts to very small spaces, suitable both for new buildings and renovations. Made of a specially moulded high density printed polystyrene with improved CARBON BLACK conductivity, dark grey in color with high acoustic absorption thermal insulating material. The closed cell and waterproof EPS casing allows for an excellent insulation and protective function. The product, thanks to its elasticity, is not affected by industrial vibrations.

## FIELDS OF APPLICATION

Thermal and acoustic insulation of the ventilation holes of the buildings, both for new buildings and renovations.

## INSTALLATION

Smart® 160 adapts to very small spaces, a hole with a diameter of 160 mm is sufficient to insert the muffer. It can be cut with a simple hacksaw and the system is already equipped with special grilles that are inserted using pressure.