

# Phono Spray I-905 and Pouring 7136



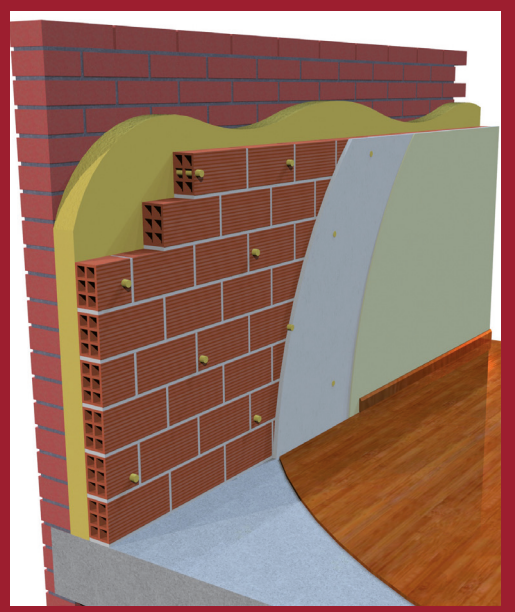
## DESCRIPTION

Source: ATEPA

The Phono Spray I-905 and Pouring 7136 systems are thermal-acoustic polyurethane systems made up of two components: polyol and isocyanate. Both systems are applied by injecting grouting “in situ”, obtaining rigid low-density closed-cell foams with strong thermal and acoustic absorption properties in the case of Phono Spray I-905, and rigid closed-cell foams with strong thermal properties in the case of Pouring 7136.

These systems are applied as part of a specific construction solution that improves the overall acoustic insulation of said solution.

These systems do not feature foaming agents that are harmful to the O-zone layer.



## BENEFITS

- ✓ Complete suppression of thermal bridges. The insulation has no joints or gaps. It is a **continuous form of insulation**.
- ✓ Strong **surface adhesion**. No need to use adhesives or glues to install the product.
- ✓ It can be moved to a construction site quickly, with no need for transporting or storing bulky products.
- ✓ Seals gaps, muffling the passage of sound.

***For further information, request the Technical Specifications and the Declaration of Performance***

These systems are applied by means spray or grouting using high-pressure equipment, with heating functions, with a mix ratio of 1:1 in volume.

**I-905** is mainly used to improve thermal-acoustic insulation against airborne noise in the enclosure of renovated buildings, both in partitions between neighbours and external façades.

## APPLICATIONS

	I-905/7136
Façades	✓
Roofs	
Walls	✓
Ceilings	
Floors	

Pouring **7136** is mainly used as thermal insulation in the enclosure of renovated buildings, both in partitions between neighbours and external façades.

### 3.3 Cavity filling

This construction solution is common in the renovation of façades with an accessible air chamber.

The enclosure comprises the main external layer, the new coat of injected polyurethane and the reinforced interior.

There are a wide range of benefits offered by polyurethane injected into air chambers in existing façades, which can be consulted in the Synthesia Internacional Catalogue of Applications.



Source: ATEPA

## FEATURES

Characteristics	I-905	Pouring 7136
<b>Core bulk density</b>	10-12 kg/m <sup>3</sup>	30-40 kg/m <sup>3</sup>
<b>Closed cells</b>	<20	≥ 90
<b>Fire performance</b>	Euroclass F	Euroclass F
<b>Water permeability</b> Short-term water absorption by partial immersion (Wp)	≤2 kg/m <sup>2</sup>	≤0'25 kg/m <sup>2</sup>
<b>Resistance factor to water vapour (μ)</b>	≥ 5	≥ 60
<b>Acoustic absorption</b>	0,5	
<b>Resistivity to the air flow r</b>	5-6 kPa s/m <sup>2</sup>	
<b>Thermal conductivity (Lambda declared)</b>	0,038 W/mK	E 25-75 mm: 0,028 W/mK E 80-115 mm: 0,027 W/mK E 120-125 mm: 0,026 W/mK