

Phonoblack: Acoustic Comfort and Sustainability for Better Living



Project	Aliaxis Building Solutions: Innovation and Sustainable Comfort
Location	Tuscany – Italy
Products	Phonoblack Acoustic System Isea Irriga System Isea Wastewater Treatment
Year	2020–2024

Phonoblack acoustic drainage system, Irriga system for rainwater recovery and reuse, ISEA wastewater treatment solutions: these are the Aliaxis technologies selected for a sustainable building project focused on residential comfort in one of Tuscany’s main urban centers. The project included the integration of advanced technological systems to ensure proper water resource management, improved acoustic performance, and compliance with sustainable building standards.

Phonoblack is a PVC soundproof system designed to guarantee acoustic comfort and safety in sustainable buildings. Thanks to its certifications and high performance, it represents an ideal solution for cutting-edge projects.

Specifications:

Installation of acoustic drainage systems and water management solutions in high energy-efficiency buildings.



Solutions Provided:

- **Phonoblack:** Soundproof PVC-U for Soil & Waste Systemcertified at 13 dB at 2 l/s, fire-resistant (Euroclass B-s1,d0). Compliant with CAM requirements and equipped with EPD Type III.
- **ISEA:** solutions for wastewater treatment.
- **Irriga ISEA:** system for rainwater recovery and reuse for green area irrigation.

Advantages:

- Reduced installation time.
 - High certified standards for acoustic comfort and sustainability.
 - Integrated solutions for responsible water resource management.
 - Compliance with environmental regulations and sustainable building criteria.
- Certification: Second Life Plastic – By-product according to UNI 10667-1 and Directive 2008/98/EC.





