

## Technical Data Sheet: Eco-conscious overhead sound insulation

Characteristic	Detail
Product Name	AcouBarrier tech
Product Description	Innovative solution for overhead sound insulation with recycled foam and central membrane.
Composition	Upcycled foam, made from waste materials from the manufacture of various products such as shoe soles, mattresses and clothing fillings. This eco-friendly approach not only contributes to the reduction of waste, but also optimizes acoustic performance thanks to a membrane specially designed for sound insulation.
Dimensions	Several standard sizes, custom cut available.
Acoustic Performance	Complies with TS EN ISO 10534-2:2003, high sound wave absorption.
Fire Resistance	M4 Rated Materials
Recommended Applications	Recording studios, movie theaters, open offices, etc.
Instructions d'Installation	Clean surface, apply adhesive, position and attach insulation, allow to dry.
Maintenance	Clean with a soft, damp cloth, avoid harsh solvents or chemicals.
Certifications	Accredited by TÜRKAK under number AB-0001-T, conforms to TS EN ISO/IEC 17025:2012.
Warranty & Durability	5-year warranty, estimated lifespan of 10 years under normal use.
Heat Flux Density	7.92 W/m <sup>2</sup>
Thermal Resistance Value, R	1.30 m <sup>2</sup> · K/W
Dimension (mm)	100/100 mm
Thickness (mm)	≈40 mm
Mass (g)	≈71,97
Density (kg/m <sup>3</sup> )	≈238.44
ECOLOGICAL INFORMATION	Disposal Details: Waste can be buried at a suitable site or burned in a kiln. The heavy layer PVC EPDM can also be shredded for the production of recycled EPDM PVC. Eco-friendly: The heavy layer PVC EPDM is considered biologically inert.