



Resonador Acústico de uso industrial.

Fabricado a partir de residuos plásticos de PP provenientes del post-consumo y post-industrial.



Recycled Plastic Acoustic Resonator

RECYCLED PLASTIC ACOUSTIC RESONATOR FOR WORKSPACES

KEY WORDS

ACOUSTIC
RESONATOR,
RECYCLED PLASTIC,
SUSTAINABLE
DESIGN

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DESCRIPTION

Acoustic resonator made from recycled plastic, designed to improve acoustic comfort in workspaces. Through parametric design, material experimentation, and acoustic validation, the aim is to create an efficient, sustainable, and adaptable system that contributes to indoor environmental quality and user well-being in work contexts.

Acoustic resonator made from recycled plastic, aimed at improving acoustic comfort in workspaces. Through parametric design, material experimentation, and acoustic validation, an efficient, sustainable, and adaptable system is obtained, enhancing indoor environmental quality and user well-being in workplace settings .

POTENTIAL BENEFITS OR IMPACTS

Improvement of workplace acoustic comfort;
Application of recycling in high-performance products;
Enhanced well-being and productivity

TECHNOLOGY MATURITY LEVEL (TRL)

TRL 4: laboratory validation

AREA OF APPLICATION

Plastics
Health
Interior architecture
Workspaces
Acoustics