



DISEÑAR /02

KEY WORDS

PRODUCT DESIGN,
RECYCLED PLASTIC,
SUSTAINABLE
ARCHITECTURE

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Design and Developments of Architectural Products

COMPREHENSIVE SOLUTIONS FROM DESIGN TO PROTOTYPING AND PRODUCTION

DESCRIPTION

The Laboratory for Exploration in Environmental Architectural Materials (LEMAA) has developed wide expertise related to product design and development for architecture and construction, with a strong focus on the use of recycled plastic materials. Through the execution of applied projects, such as cladding tiles and acoustic resonators for workspaces, LEMAA takes a coordinated approach to the stages of design, material selection and formulation, prototyping, and production, generating innovative, functional products that are aligned with the principles of sustainability and the circular economy.

APPLICATIONS

- Design and development of architectural products;
- Functional prototyping;
- Development of sustainable construction solutions