

Greek SME seeks suppliers of eco-friendly adhesives for its seagrass building panels

Summary

Profile type	Company's country	POD reference
Business request	Greece	BRGR20221215015
Profile status	Type of partnership	Targeted countries
PUBLISHED	Supplier agreement	• World
Contact Person	Term of validity	Last update
Katerina TZITZINO	15 Dec 2022 15 Dec 2023	15 Dec 2022

General Information

Short summary

A Greek start-up company is looking for suppliers to provide environmentally-friendly binders, finishes, and/or compostable adhesives in order to integrate them in the seagrass surface panels it has developed, for a totally natural eco-conscious product.

Full description

This small but dynamic Greek start-up has developed a series of eco-conscious surfaces and panels composed of a particular species of seagrass (*posidonia oceanica*), known for its environmentally-friendly properties. The goal is to offer uniquely natural living and work space solutions that enhance the body and mind and contribute to a healthier life by considerably minimising indoor pollution.

Even in the short time the company has been operating, its products have already been recognised internationally and have won numerous prestigious awards. The products are available in the form of panels and can be used in commercial and residential applications as wall coverings, veneers, partitions, and cabinets etc. They come in a variety of colours, to match the overall design and mood of the surrounding space.

Technical specifications

Thickness: 2mm

Maximum size: 1000mm x 500mm (additional sizes on demand)

Variety of backings:-

- 0.9mm high-pressed laminate (according to EN 438)
- 1mm high-pressed laminate hardly inflammable according to EN 13501
- additional backing on demand

Other properties:-

- fire / water / UV / scratch resistant
- lightweight
- odourless

The client is looking for suppliers of naturally-based eco-conscious adhesives and other similar binders and finishing products to complete its environmentally-friendly building panels.

Advantages and innovations

The products are compact, durable and easy to install. In addition, they are bound with organic and natural raw materials, so as to avoid using harmful chemicals or other synthetic adhesives.

These eco-surfaces have a wide range of applications, both internal and external. They can be used in interior spaces as wall coverings and veneers (for example in commercial buildings, restaurants, or hotels, but they can also be applied in exterior areas such as offices, residential real estate.

These eco-surfaces are made of the seagrass species *posidonia oceanica*. They enhance a new experience for more humanised healthier spaces, by contributing to the creation of naturally unique space solutions. They are characterised by their naturalness, authenticity and are fully customisable, closely following each client's individual needs and requirements in order to achieve the best outcome for their specific project.

Technical specification or expertise sought

Experience in producing clear liquid binders, adhesives and finishes that are compostable, biodegradable and are suitable to be combined with natural fibres.

Stage of development

Available for demonstration

IPR Status

IPR granted

Sustainable Development goals

• **Goal 11: Sustainable Cities and Communities**

Partner Sought

Expected role of the partner

The client is interested in collaborating with companies that produce clear liquid binders, adhesives and finishes that are compostable, biodegradable and are suitable to be combined with natural fibres.

Type of partnership

Type and size of the partner

Supplier agreement

- Big company
- SME 50 - 249

Dissemination

Technology keywords

- 02006001 - Materials, components and systems for construction
- 002006001 - Building Materials, Components and Methods

Targeted countries

- World

Market keywords

- 009007002 - Manufacture of building materials

Sector groups involved

Media

Images



[Eco-panel 3.JPG](#)



[Eco-panel 1.JPG](#)



[Eco-panel 4.JPG](#)



[Eco-panel 2.JPG](#)