

POSEIDON

Circular Material

2021.11 Palau

Reborn Styrofoam, just like pearl

Healing wounds that human do for the nature.

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Story

It started from picking up an abandoned waste in Palau.

By firm faith in the circle of life, we turn industrial into circular material, as if what nature would do to the sea.

- Circular committed building material
- Recycle and reborn project
- Customized material
- Circular design service



POSEIDON



The birth of circular material

There are over 12,700,000 tons of plastic flow to the ocean each year. Microplastic is everywhere and 75% is from fishery. Ocean health is closely related to Earth ecosystem. Therefore we dedicate to recycle marine waste to create circular flow. Expecting plastic stay in the city, no longer drifting.

Source of the material



Recycled marine waste-polystyrene , such as Styrofoam floating ball, insulation container..etc.. Through breakdown, modification to prolong LCA of plastic.



Material character

Composition: 80% recycle PS, 20% modifier

Feature: Firm, shock resistance, water proof and anticorrosive.

Application: furniture, flooring, wall deco...

Method: carpenter and plastic rework technic

Customized options



Colors



Embossing



Printing



Specifications



Poseidon provide flexibility of design. Customization can done in color, texture, printing and size. The shinning surface perform quality without additional painting.



Easy to work with general tool



Shock resistance



Waterproof & Rot Proof



Recycled & Recyclable

Case Share

Turn plastic to circular system, building life for life.



Custom-made furniture
Design for FHA HoReCa Exhibition

The exhibition is done by 563kg circular material, reduce 450kg marine waste.



Ocean Wave Table
Circular material ≈ 50kg



Origami Counter
Circular material ≈ 48kg



Display Shelf
Circular material ≈ 35kg



Provide customization service, integrate circular into daily design.

POSEIDON

by Efay



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