

The background of the entire page is a photograph of a beach. It shows a variety of seashells, some whole and some broken, scattered across a surface of small, dark, pebbly sand. The shells have different colors, including iridescent pinks, purples, and greens. The text is centered over this image.

Sea Stone

newtab 22

Sea Stone Project

Sustainable material made from wasted seashells.

Sea Stone is a sustainable material which in reality is composed of natural, non-toxic ingredients and binders. It features solid, hardness and aesthetic texture like a stone. We intend to integrate Sea Stone to the connection from the debris state to the beautiful home interior objects so that you can see the discarded shells had done their long journey.





Sustainable

Every year, 7 million tons of seashells are discarded by the seafood industry and aquaculture. Even though some of the seashells have been recycled and used as fertilizers, the majority of them are being thrown into landfills or by the seaside. The discarded seashells which are uncleaned or rotten have not been cleared away at all and have been piling up near the beach for a long time, thus, causing odour pollution and polluting the surrounding land in the long run.

Yet, these shells are materials with high potential, which consist of over 90% calcium carbonate, containing similar to the one of what calcium carbonate in the limestone contains and seen as a valuable biomaterial.

Project 'Sea Stone' proposes the use of discarded seashells to create environmentally and economically sustainable material rather than contributing to the world's rubbish problem.

The method is currently carried out manually to avoid the use of heat, electricity and chemical treatments and ensure the process is as sustainable and affordable as possible.

Moreover, it is expected to positively impact on three effects such as reducing waste disposal costs, preventing marine pollution, and recycling waste by creating value-added products with artistic, aesthetic, and functional new uses.



We Collect. Make. Perform.

Handcrafted

We collect discarded seashells from seafood industries, and then shells are processed, ground and mixed with various natural binders, under the right proportion.

Ultimately, those mixtures can maximize the benefit of the materials, as well as textures and hardness.

Its speciality is that each piece is unique. Size of the particle, colour and hand working makes all the pieces different from each other.



Bespoke Sea Stone Product Line

Cliff Series

Wave Series



Cliff Series

The form and the rough surface of the series took inspiration from the sea cliff and the sedimentary rock. Each item is one of a kind. The shape and the pattern, which are a mixture of the mother of pearl and the layered stones for each piece are unique.

Cliff Series

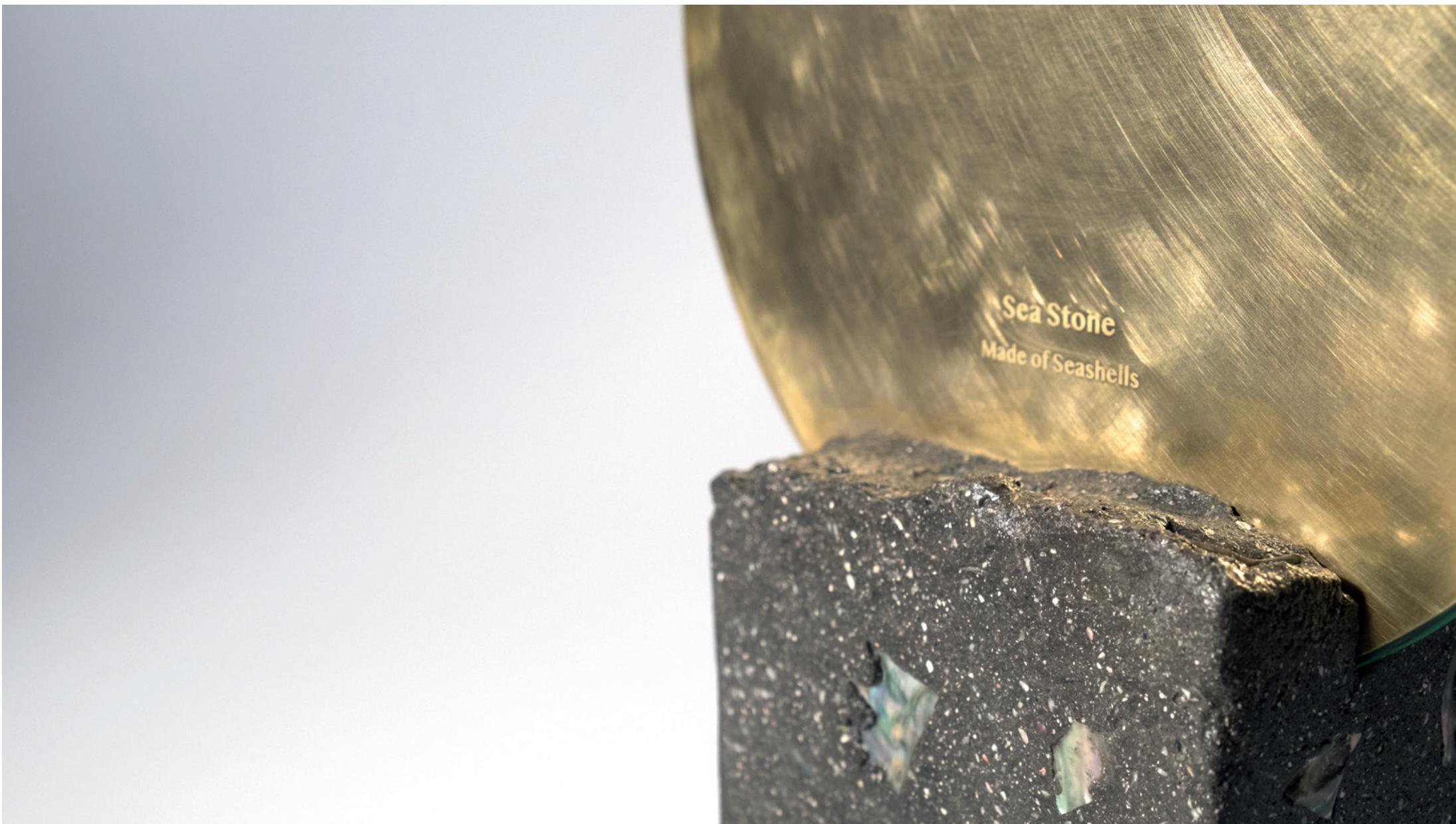
Sea Stone Mirror

W200 x L70 x H255 (mm)

Stone Black

Recycled seashell powder (Abalone, Oyster, Mussel)
mineral, sand, etc.
Brass on the back side.





Cliff Series

Sea Stone Candle Holder

W200 x L65 x H255 (mm)

Stone Black

Recycled seashell powder (Abalone, Oyster, Mussel)
mineral, sand, etc.
Brass on the back side.









Cliff Series

Sea Stone Dried Flower Vase

W120 x L120 x H220 (mm)

Stone Black

Recycled seashell powder (Abalone, Oyster, Mussel)
mineral, sand, etc.

Reclaimed aluminum.

Cliff Series

Sea Stone Glass Vase

W200 x L65 x H255 (mm)

Sandy blue

Recycled seashell powder (Abalone, Oyster, Mussel)
mineral, sand, etc.
Glass.







Wave Series

The design of the Wave Series is inspired by sea wave of the ocean. Wavy lines add a delightful feeling and gives natural beauty of sea shells.

Every single item was designed as an entirely unique object surface pattern.

Wave Series

Sea Stone W-vase

W75 x L55 x H215 (mm)

Pearl Pink

Recycled seashell powder (Abalone, Oyster, Mussel)
mineral, sand, etc.

Glass.



Wave Series

Sea Stone W-vase

W75 x L55 x H215 (mm)

Natural Ivory

Recycled seashell powder (Abalone, Oyster, Mussel)
mineral, sand, etc.

Glass.



Wave Series

Sea Stone W-Candle Holder 1

W75 x L55 x H215 (mm)

Sandy Blue

Recycled seashell powder (Abalone, Oyster, Mussel)
mineral, sand, etc.

Brass.





Wave Series

Sea Stone W-Candle Holder 2

W75 x L55 x H215 (mm)

Sandy Blue

Recycled seashell powder (Abalone, Oyster, Mussel)
mineral, sand, etc.

Brass.





newtab-22

Hyein Choi and Jihee Moon are Studio newtab-22, a designer duo based in Seoul and London, started from Royal College of Art 2019.

We are interested in natural, new or overlooked materials. We seek the beneficial and intriguing properties of the materials, trying to bring them into modern life with our design. We aim to critically bring sustainability into society with the outcome of our work. We suggest the possibilities for today and tomorrow, facilitating innovative experiments while following the aesthetically pleasing aspect of natural itself.

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Material-led Design Studio

