

2024

ROBRIES
POLYMER SHEET

@robries

www.robries.com



ROBRIES

ROBRIES is providing quality 100% recycled polymer sheet based in Surabaya, Indonesia. Our abilities to understand clients' needs and to meet their requirement have positioned us to be a market leaders in quality recycled product in Indonesia.

Inside our own manufacturing facility have recycled **110+ tons** of plastic waste and **upcycled 200+ millions** of bottle caps, transforming them into **20.000+ valuable products** for more responsible living.

MADE TO CHANGE

Like what we have done with plastic waste by giving it a new meaning, Robries has succeeded in making a real change for the environment. Starting from the idea, the people to the products, at Robries everything is Made to Change.

Jl. Rungkut Alang- Alang 189,
Surabaya, Indonesia 60293

+62 696-8552-0389

email: hello@robries.com
instagram: [@robries](https://www.instagram.com/robries)
www.robries.com



OUR CLIENT

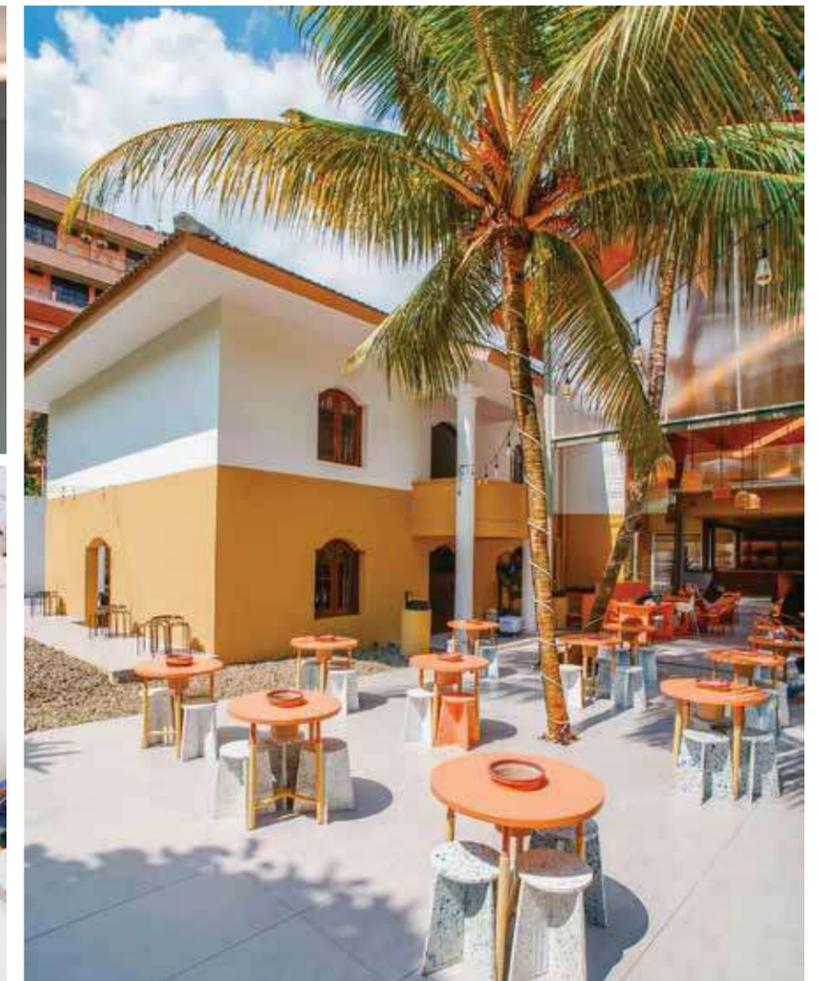


TABLE OF CONTENT

01-04

ABOUT ROBRIES



07-26

EXAMPLE USE OF RPS (ROBRIES POLYMER SHEET)

FURNITURE
FACADE
DECOR



27-34

PARTNERSHIP & COLLABORATION



35-38

TECHNICAL WORKABILITY



39-44

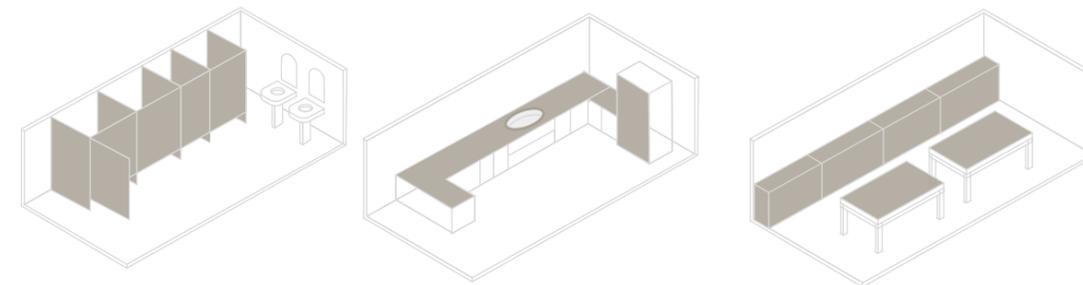
PRICE LIST & COLOR OPTIONS





EXAMPLE USE OF RPS

ROBRIES POLYMER SHEET





MINI EXTRAORDINARY

Chinatown, Singapore
22- 24 Nov 2019

A thematic exhibition held by MINI SG. With this exhibition, MINI SG provides an extraordinary solution to the rapid growth of urban living. We are thrilled to have been given the opportunity to support 3 spots for the event.

SPOT 1: WITS VS WASTE

a set of Chinese chess table made with CNC technique for the board and the chess pawns.

SPOT 2: WHAT GOES AROUND

a hexagon display set providing facts about plastic trash, chopped plastic materials, and output products out of them

SPOT 3: TRASHY SOUVENIR

We were given the chance to produce 600 pieces of magnetic souvenirs to make a good conversation starters about plastic

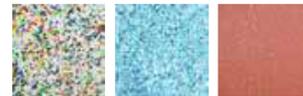
SCHOOL OF TOMORROW

Singapore
22- 24 Nov 2023



Part of Singapore Design Week with a motto proclaiming "For Earth, For Humans, For All", the School of Tomorrow is a specially commissioned exhibition curated by Pann Lim of Kinetic Singapore, which teaches about sustainability in a fun, immersive way.

Spanning all three levels of Selegie Arts Centre, different classrooms touch on various aspects of sustainability.



- Chair:
- RPS thickness 15 mm
- Top table:
- RPS thickness 20 mm
- Counter Top:
- RPS thickness 10mm

MAXI COFFEE BAR

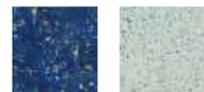
Singapore



Product:



Pattern:



Top table:

- RPS thickness 20 mm



LITTLE FARM

Singapore



Pattern:



Top table:

- RPS thickness 20 mm

ANALOGUE INITIATIVE

CHIJMES, Singapore



Pattern:



Top table:

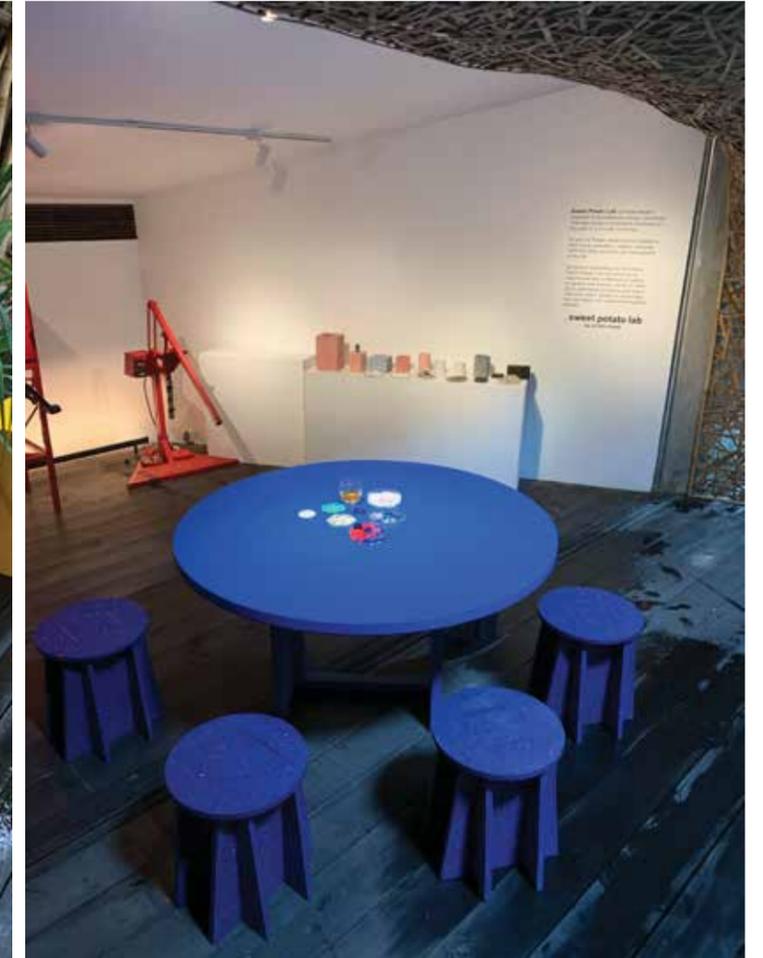
- RPS thickness 15 mm

Product:



POTATOHEAD

Bali, Indonesia



As a lifestyle and hospitality brand, Potato Head wanted to lessen the environmental flipside to Bali's natural splendor and abundance of beautiful sites that has inspired them to launch the Sustainism Lab, with our custom-stool as one of their displays.

RE-STORE



Concept store where focusing on selling sustainable product. Re Store bring in Robries Polymer Sheets to complete sustainable shopping experience for their customer.

- Wall & Logo Installation:
- RPS thickness 10 mm
- Wall shelf:
- RPS thickness 15 mm





USE OF RPS (ROBRIES POLYMER SHEET)

LOCO COFFEE

Bandung, West Java
Indonesia



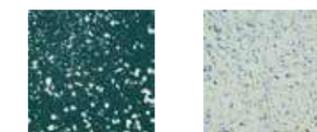
A spacious eatery in Dago, Bandung. Incorporated sustainability by using our stool and top table as their main stars. Not stopping there, they choose to cover their counter table with our recycled polymer sheets. Such a brilliant way to liven up the space!



Product:



Pattern:



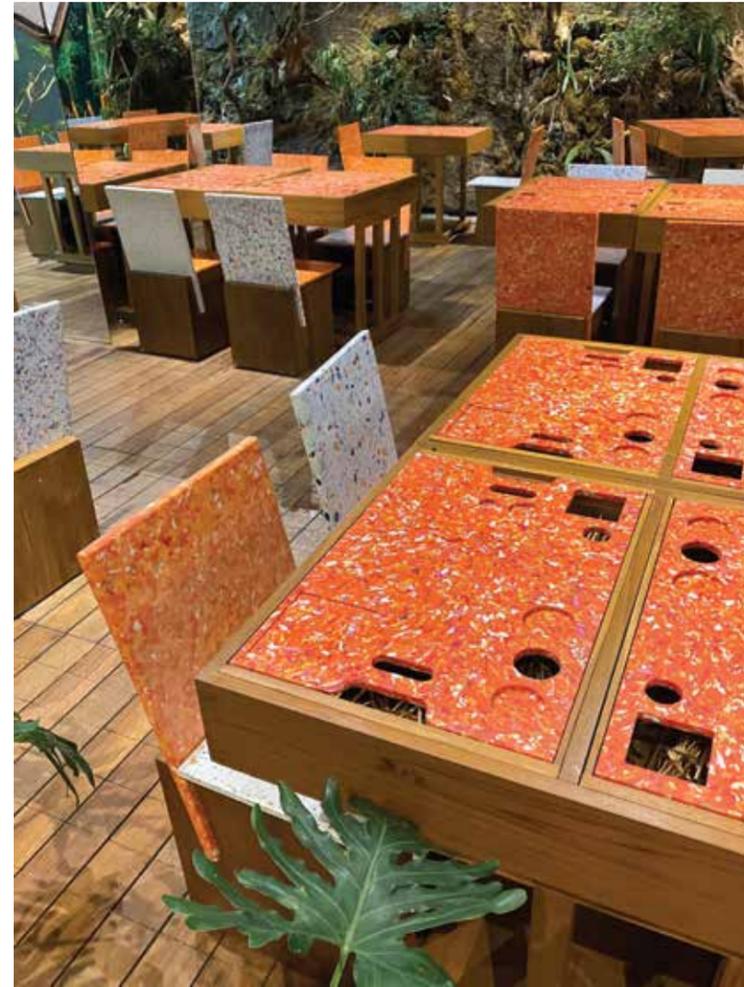
Counter cover:

- RPS thickness 10 mm

Top table:

- RPS thickness 20 mm

RUMAH ATSIRI



- Chair:
- RPS thickness 20 mm
- Top table/ tray:
- RPS thickness 15 mm
- Spa Tray:
- RPS thickness 10mm

Pattern:



- Sarinah, Jakarta
- Tawangmangu, Central Java

SINGA BURGER

Pererenan, Bali



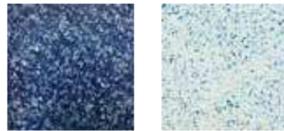
- Top seater:
- RPS thickness 20 mm
- Food plate & logo:
- RPS thickness 10 mm

CALLIE CAFFEE

PIK, Jakarta



Pattern:



Drawer:

- RPS thickness 10 mm

Product:

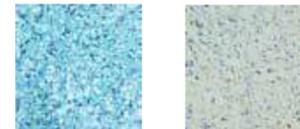


ZEROGRAM

Surabaya, Indonesia



Pattern:



Wall cover:

- RPS thickness 10 mm

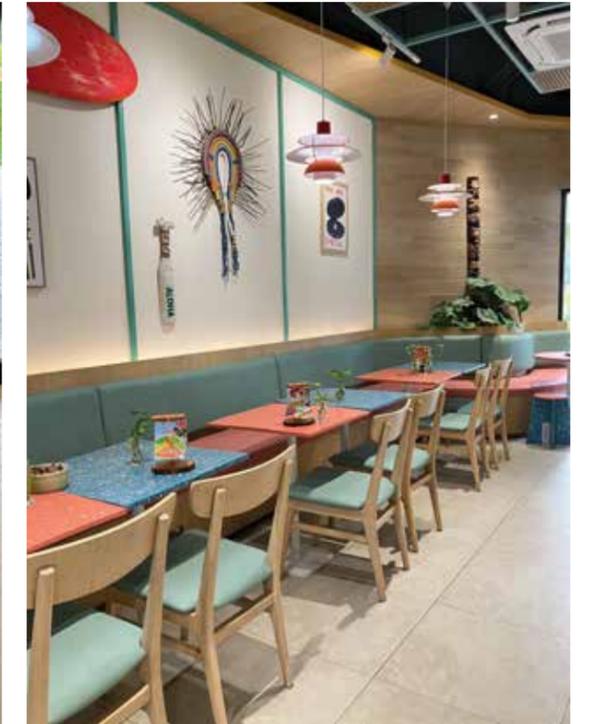
Top table:

- RPS thickness 20 mm



POKESHACC

Kuningan
Jakarta, Indonesia



Product:



Pattern:



Top table:

- RPS thickness 20 mm



PARTNERSHIP & COLLABORATION





Since 2022 we start experimenting with Kopi Nako cup waste to turn it into sheets. After it turn well, Nako comes up with idea build new concept of **Kopi Nako Daur Baur**. Introduce the concept of circularity, which is known as **"DAUR"** in Indonesian languages. And **"BAUR"** means we do it in collaboration.

- Senayan Park, South Jakarta
- Abdul Muis, Central Jakarta
- Kota Baru Parahyangan, Bandung
- Sukabumi, West Java
- Bogor, West Java
- Semarang, Middle Java
- Lampung, Sumatera
- Denpasar, Bali



Nako coffee cup waste with PP type of plastic was collected from existing Kopi Nako. Separated from other waste, cleaned, then sent to Robries warehouse.

01

02

Nako coffee cup waste shraddded into the flakes and mixed with other plastic waste in different color.



03

Coffee cup flakes moulded into Daur Baur Polymer Sheets and turn it into:

- Top Table
- Top Seater
- Bar Table
- Building Roof



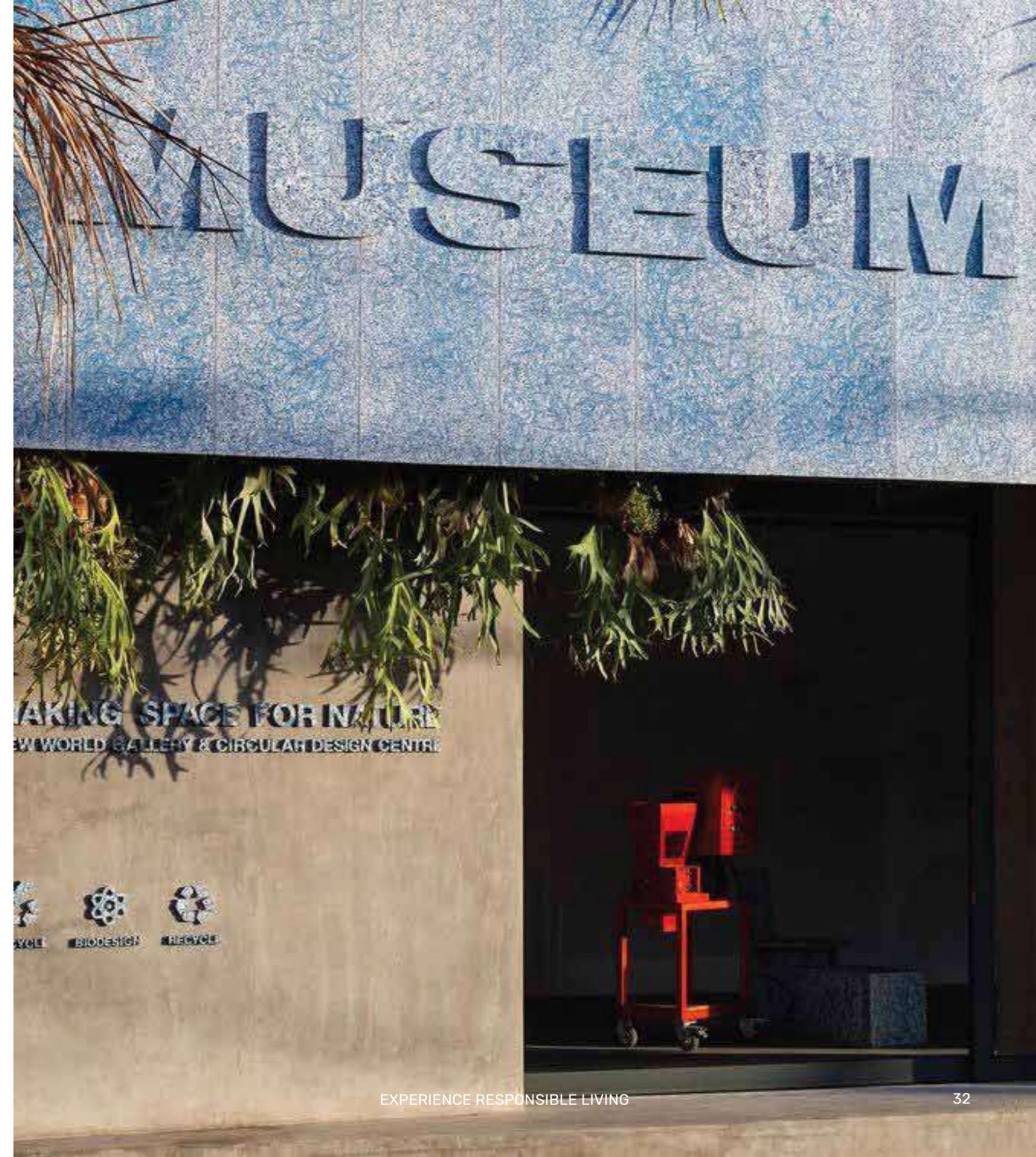
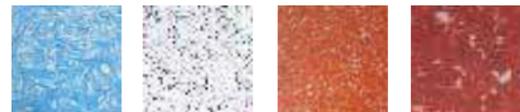
SPACE AVAILABLE

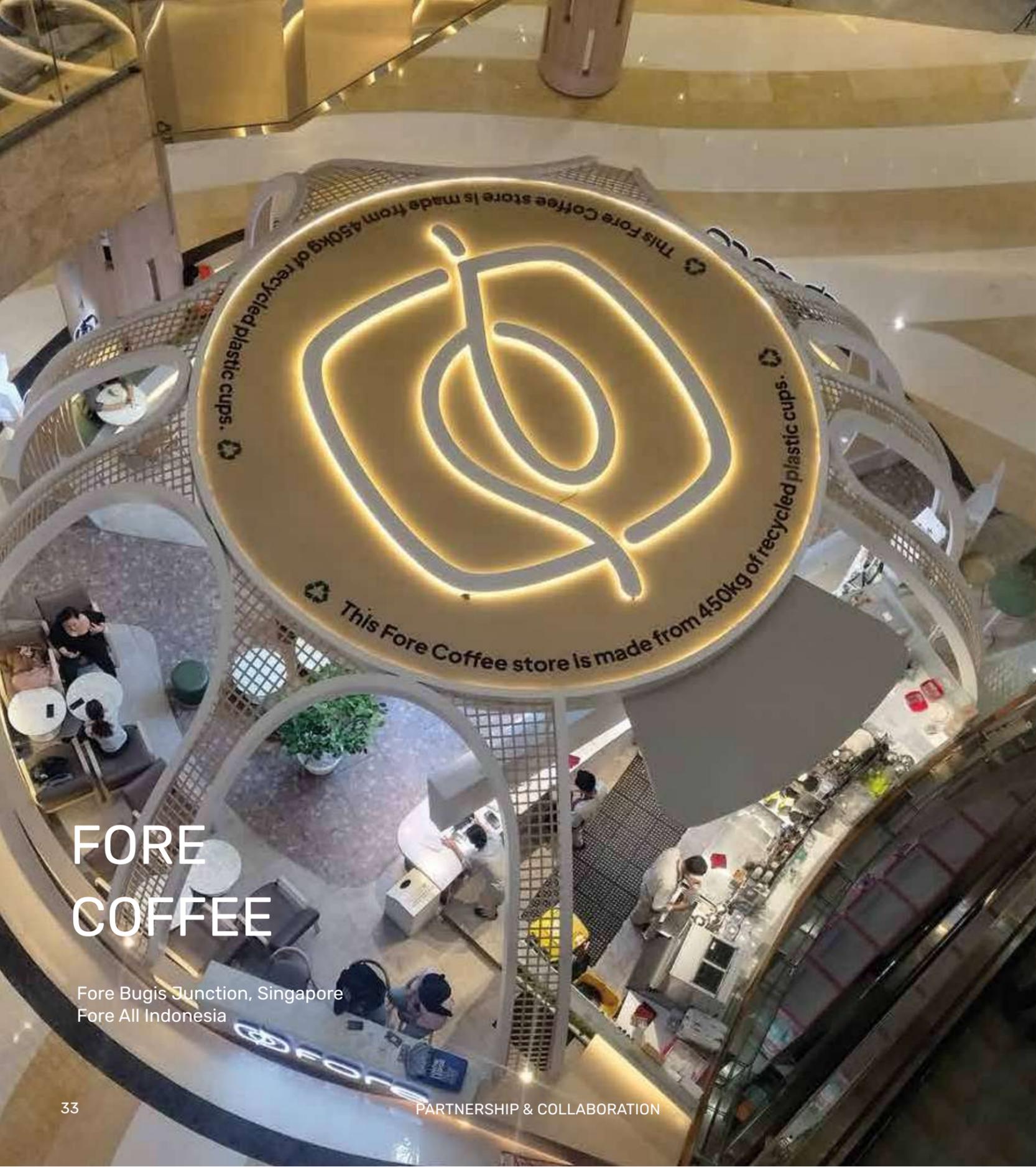
Canggu, Bali



Our Bali based partner wanted to create something extraordinary by making their gallery's facade out of recycled plastic waste.

Robries has exclusive sheets supply and partnering on exclusive pattern for 5 years. As a design studio, Space Available create their own lifestyle product out of Robries Polymer Sheets. In 2021 they initiate special collaboration between SA, Robries, and global DJ, Peggy Gou.





FORE COFFEE

Fore Bugis Junction, Singapore
Fore All Indonesia



Fore Indonesia initiated sustainable experience by using Robries Polymer Sheets in Sage and Grape for all their stores.

Concerned about their post consume plastic waste, Fore aims to recycle their cups with us. They collect it through Trash Bin were manufactured from 100% recycle plastic. They also started movement #Foresponsible to encourage all their customer and community to do the same like what they started



TECHNICAL WORKABILITY



HOW TO PROCESS RPS (Robries Polymer Sheet)

CUTTING



Use Circle Saw



Use Hand Grinding Machine

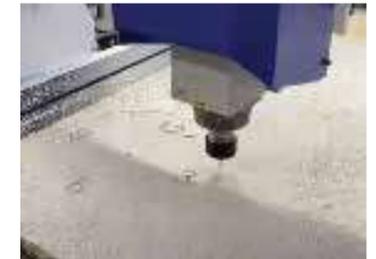


Use Router



Use Jig Saw

ENGRAVING



Use CNC Machine for cutting and engraving.

Don't use laser cut ! It will be melted

JOINING



Use Drilling Machine



Use Nail Gun

TYPE OF SCREW



Use Gypsum screw with wider drat



Use Insert Nut & hex socket bolt

ADHESIVE



Use Epoxy Glue & Clamp



Use Mortar
Roughly sand the bottom side before apply



Use Polychloroprene Contact Adhesive

RPS- Robries Polymer Sheet ALSO CAN BE BENDED



HOW TO BEND



1 Clamp on the side where not will be bended



2 Use heat gun, give heat around 60°C to the side that will be bent evenly



3 When the plastic starts to slowly bend due to heat, press it to the desired angle and clamp it until it cools

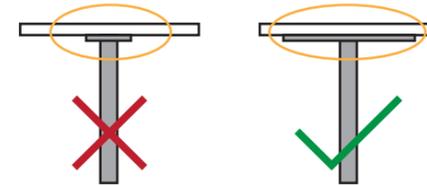
HOW TO MAINTAIN



Don't use for kitchen table under the stove. Avoid direct sunlight. Maximum heat resistance is 140°C



Don't use our material to direct contact to food ! Robries Polymer Sheet is certified as non-toxic material, but not yet certified as food safe.



AVOID BENDING!

For Top Table, make the structure under the RPS and make sure it is support minimum 70% of the surface to avoid bending when it used

POLISHING



For long term use, if it starts to look dull,

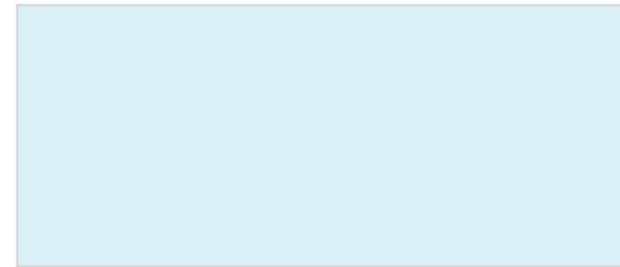
- 1 Polish it with a car polishing machine, or
- 2 Use motorbike/car polishing fluid, rub it with a micro fiber cloth



ROBRIES

POLYMER SHEETS

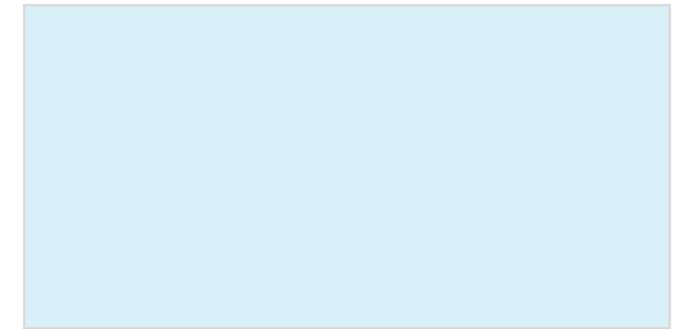
SIZE VARIANTS



95 x 40

actual size
94.7 x 39.7

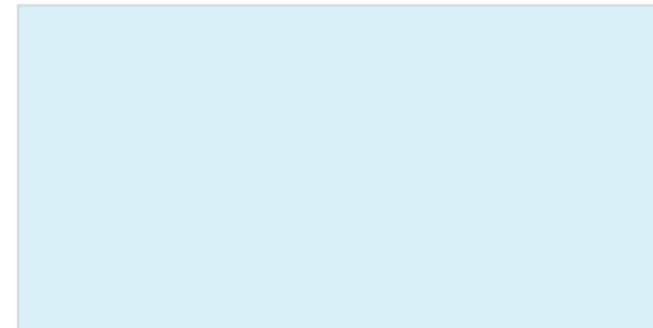
95 x 40 x 1 cm	6,5 kg
95 x 40 x 1.5 cm	8,2 kg
95 X 40 X 2 cm	10 kg



100 x 50

actual size
99.7 x 49.7

100 x 50 x 1 cm	8 kg
100 x 50 x 1.5 cm	10 kg
100 X 50 X 2 cm	12 kg



120 x 60

actual size
119.7 x 69.7

120 x 60 x 1 cm	11 kg
120 x 60 x 1.5 mm	16 kg
120 x 60 X 2 cm	19 kg

*Size tolerance may vary from 3- 5mm

MATERIAL COLORWAYS

LDPE (Low Density Polyethylene)

Waste of flexible plastic, gallon caps, squeezable bottle, etc

CODE OF RECYCCL



IMPACT STRENGTH

93 kg/ cm²

HDPE (High Density Polyethylene)

Waste of bottle caps, crates, shampoo bottle, gallon caps, etc

CODE OF RECYCCL

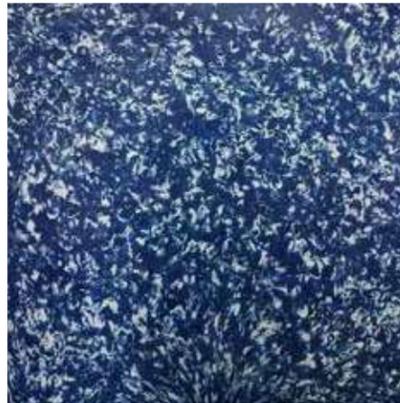


IMPACT STRENGTH

214 kg/ cm²

SPECIAL COLORS

+ IDR100k



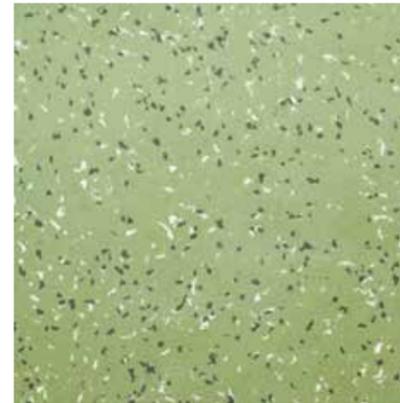
BILBERRY

LDPE



DARK FUNGI

HDPE

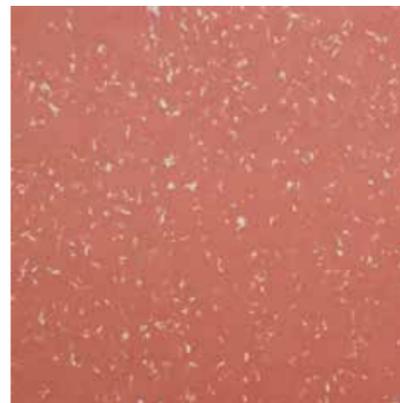


SAGE

HDPE



GRAY FUNGI



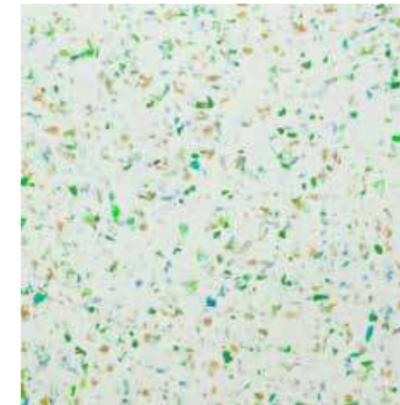
PEACH



SEAWEED

HDPE

MAIN COLORS



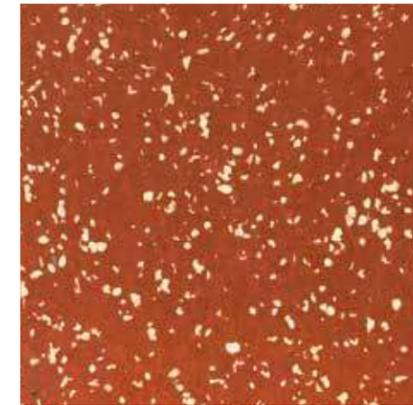
GRAPE

HDPE



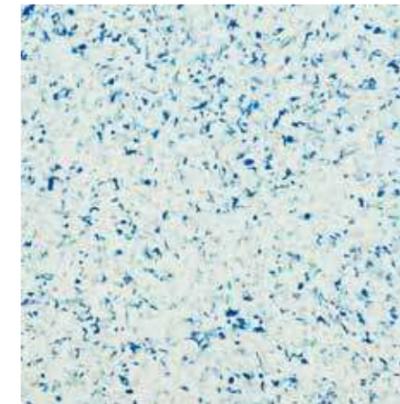
MARIGOLD

HDPE



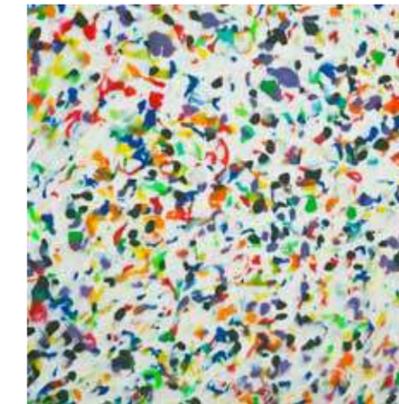
CHESNUT

HDPE



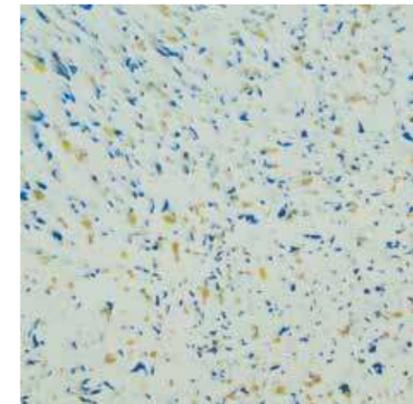
DAMSON

HDPE



LIGHT TERRARIUM

HDPE



JUNIPER

HDPE



WHITE SEED

HDPE

DISCLAIMER:

- Each item is unique, the composition is the same, but the **pattern can not be uniform**
- It is 100% recycled plastic waste. So, the **color tone can be vary** for each batch of your order
- Potential pinhole appears for the color Dark Fungi, Sage, Peach, Seaweed, Chesnut, and White Seed



ROBRIES PRODUCT

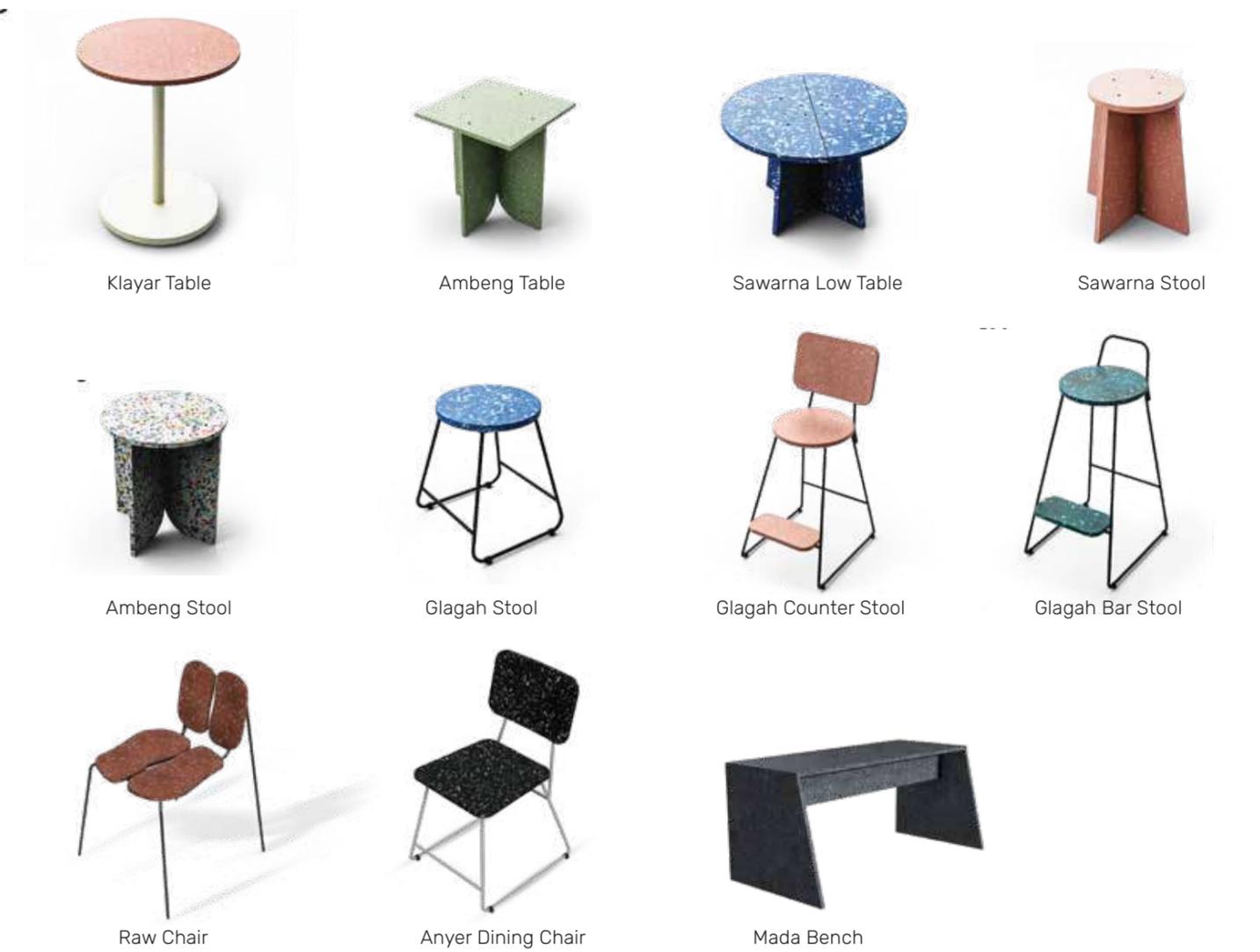
Discover our product to complete your sustainable project. All with MOQ

Home Decor



Arafuru Coaster Nihl Insence Holder Watu Insence Holder Jimbaran Chopping Board Mola Tissue Box Gili Tray Series

Furniture



Klayar Table Ambeng Table Sawarna Low Table Sawarna Stool
 Ambeng Stool Glagah Stool Glagah Counter Stool Glagah Bar Stool
 Raw Chair Anyer Dining Chair Mada Bench