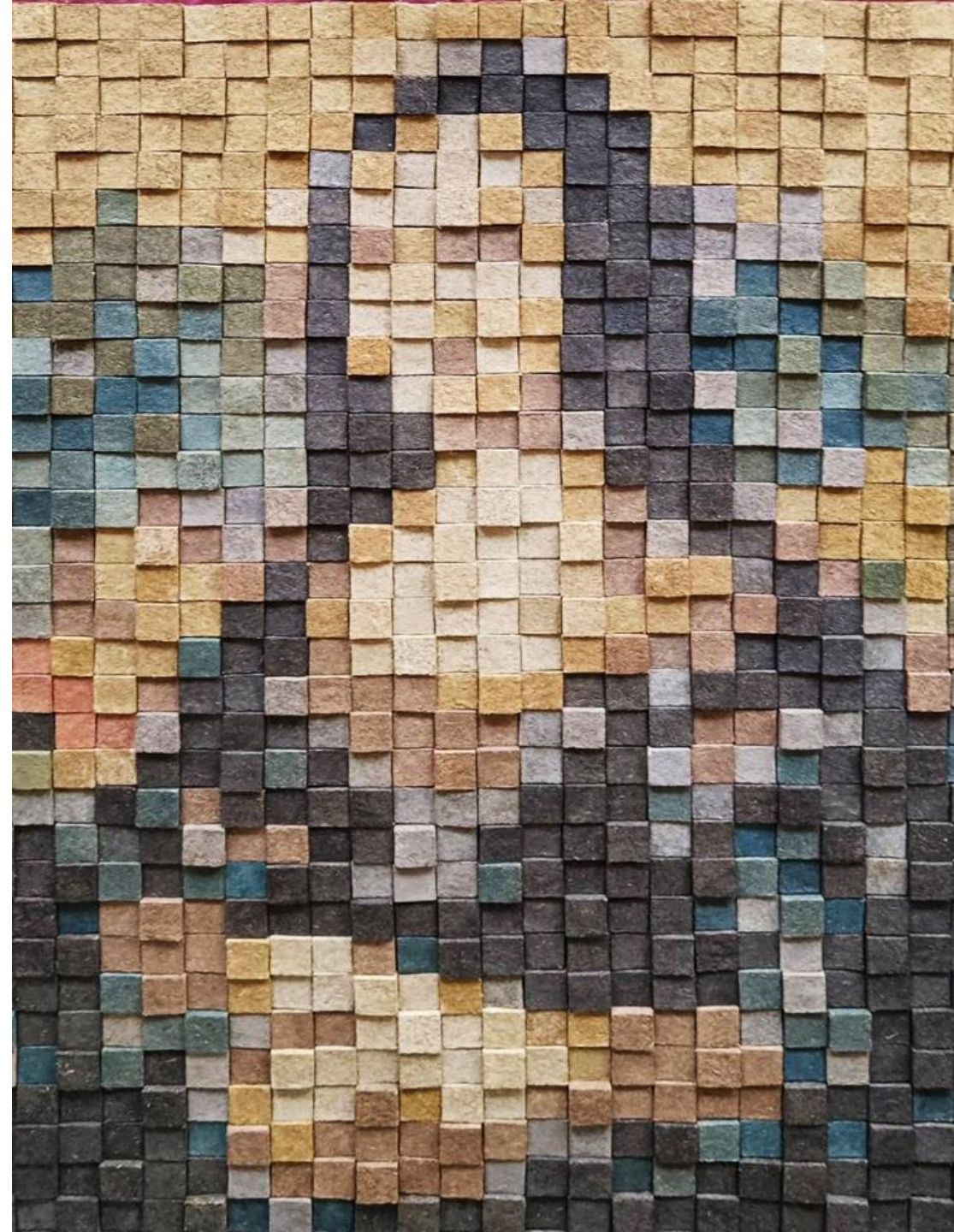




Sustainable bio decorative materials for life

Brand Information





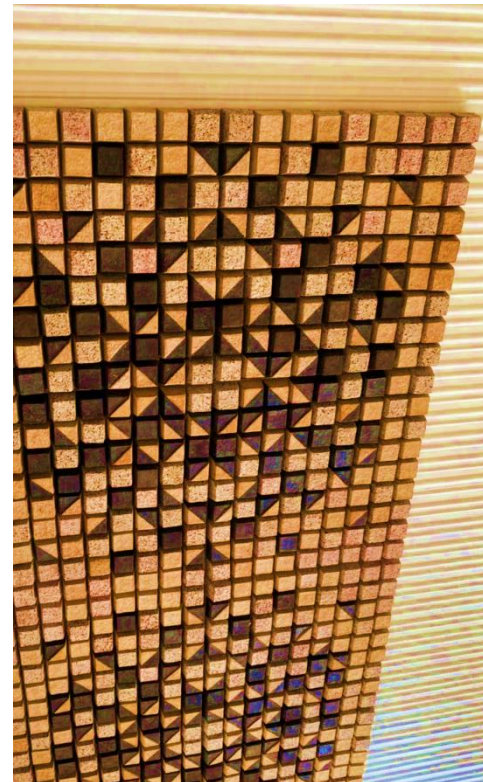
WASOO developed from the research on fire retardant acoustic insulation from rice straw of Chiang Mai University with support from National Science and Technology Development Agency

WASOO design and create our product for the better place to live in under concept
Nothing is waste. Everything has its worth

Bio decorative material



Art piece



Life style product



Workshop and activity





We aim to reduce PM 2.5 air pollution and carbon emission from burning agricultural waste.



Rice straw burnt emissions 24.63 million tons of carbon per year.

Up-cycling 1 kg of rice straw reduces the carbon emissions by 1,118 g.

Thailand exports 30,000 tons of coffee per year, while domestic demand is up to 70,000 tons per year, but the coffee husk is difficult to biodegradable and has problems disposal.

We use **recycle paper pulp** as a binder without using toxic glue in production.
Use recycle paper pulp 1 kg.
Reduce carbon emission by 3,014 g.



Black from ebony



Blue from indigo



Red from sappan



Green from indigo and brokenbonetree

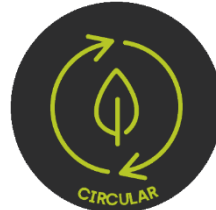


Natural Coat



We are entrepreneurs in the BCG Heroes group in the project of DITP, Ministry of Commerce.
And we are UNIDO alumni.

Thailand
**Be the
ChanGe**
DITP
Department of Industrial Promotion
Ministry of Commerce, Thailand



We can calculate the amount of reduced carbon emissions for consumers. from the amount that consumers use.



Award and Accolades



We are the winner of 2017 Thai Rice Innovation Award
By Thai Rice Foundation Under the royal patronage
And the National Innovation Agency

And the second runner-up award, NSP Innovation
Award 2017
By the Northern Science Park



Gold Medal for the invention ecofriendly sound-absorption material in the occasion of 2024
Kaohsiung international invention and design expo



And Indonesia Invention and innovation promotion association special award



WASOO is selected as one of the leading
companies to receive the CIRCULAR MARK, and
endorsement of BCG (Bio, Circular and Green
Economy) in Thailand.



Customer review





Customer review

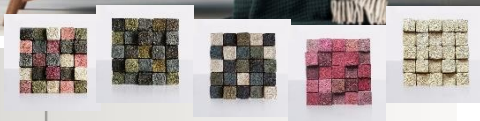




WASOO Collections



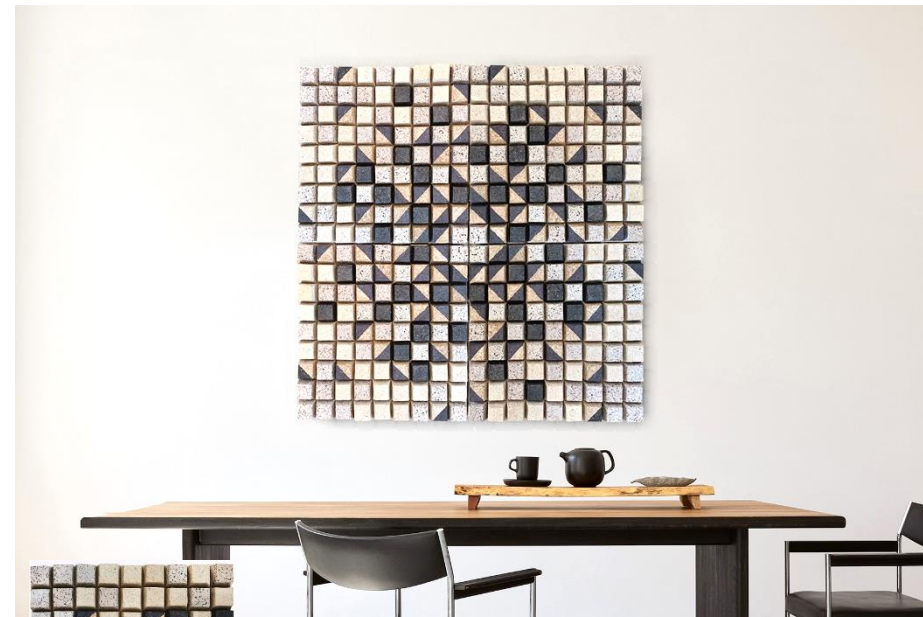
CoffCube



Shade



Breath



From Zero 2 Zero



Green Tea



Habu
(Pakuchii)



WASOO Collections

Move forward, Move to fashion lover, Move to next door community, culture and the other manufacturing because

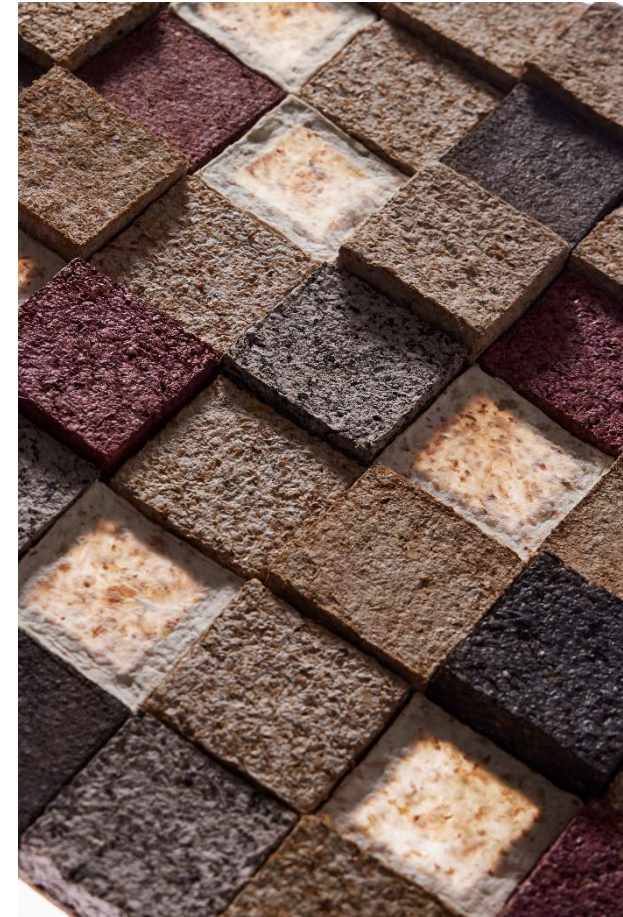
Nothing is waste. Everything has its worth.

Silk Stone



made from
silk waste of
fashion
manufacturing

Lucent



made from
bamboo
sawdust from
community who
creates a forest
by planting
bamboo



Art piece

In addition to the beautiful patterns in our catalog, we create these materials by hand, piece by piece, until they become art piece that draws emotion and energy from nature, creating colors from herbs, flowers and stones.





Cozy & Eco Dwell with WASOO



Seed planter



Eco aroma diffuser





Natural Paper that can make souvenir and gift and for event exhibition and conference



Paper from rice straw, coffee husk, banana leaf and grass.

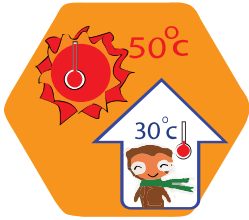


WASOO believes that nothing is waste, everything has value in itself. Therefore, **WASOO Art Space's** activities convey this idea by combining the wisdom of the community and invite people to create fun activities, create careers, and create new values for things around them under the concept of "From Waste to Wealth".

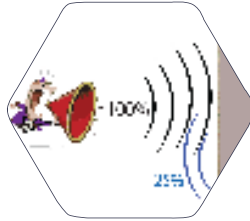




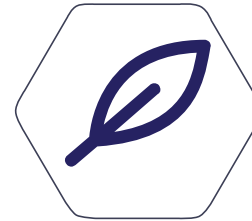
Feature



Temp control
Save energy



Sound absorbtion



Light weight



No fiberglass



No asbestos



No formaldehyde



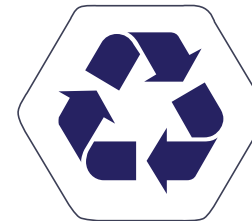
No VOC



Fire Retardant



Not Termite Food



recyclable



Test result

Department of Science Service

Laboratory No. L61/07484.1

Density, kg/m³

- No. 1	266.09
- No. 2	238.63
- No. 3	238.84
- No. 4	281.18
- No. 5	268.61
- No. 6	226.31
- Average	253.28

Moisture content, %

- No. 1	9.06
- No. 2	9.43
- No. 3	9.04
- No. 4	9.00
- No. 5	9.55
- No. 6	8.76
- Average	9.14

● Formaldehyde, mg/kg

Not found (detection limit 2.5)

Swelling in thickness, %

13.31

Flexural strength, MPa

1.01

Modulus of elasticity, MPa

51.00

Internal bonding strength, MPa

0.02

Bonding of screw, N

75

● Thermal conductivity at mean temperature of 23.2 °C, W/m-K

0.0410

Certified true translation

Kan Kanda

(Ms. Kanda Komolwattanachai)

Scientist, Senior Professional Level

Acting, Chief Registration Sub-Division

This report is only valid for the sample received. The above statement is not intended for advertising purposes and shall not be reproduced or manifested without the written permission of the Department of Science Service.

Department of Science Service, Ministry of Science and Technology

Rama VI Road, Ratchathewi, Bangkok 10400, Thailand

Page 3/4

Testing result
Formaldehyde and Thermal conductivity

Department of Science Service

TEST REPORT

Sample's name

Wasoo : eco acoustic mosaic

Mark / Brand

Wasoo

Laboratory No.

L62/04516.1

Test Results

Flammability

- Flame class

The material identified in this report meets the criteria to qualify for a HB classification.

- Average linear burning rate, mm/min

4.0

This report is only valid for the sample received. The above statement is not intended for advertising purposes and shall not be partially reproduced or manifested without the written permission from the Department of Science Service.

Department of Science Service, Ministry of Higher Education Science Research and Innovation

Rama VI Road, Ratchathewi, Bangkok 10400, Thailand

Page 2/4

Flammability test

Test Report

NQEC

Page 1 of 1 pages

April 14, 2020

Client : Wasoo45 Co.,Ltd.

Address : 140 Moo5, T.Sanpuoleay, A. Doisaket, Chiangmai 50220 Thailand

Test Report No. DTS19-A00106

Order No. DTS19-A00106

With regard to the material submitted on March 09, 2020 by the client described above, we hereby report that our test results were as follows:

Commodity

Sample No 1, No 2, No 3

Testing method(s)

In accordance with client's instruction(s).

1. Test Parameter : Method of Flame Test for Materials

2. Test Method : Meker burner method ; Flammability 45 degrees test

3. Test Result

Heating time	Sample No.	Afterflame time (sec)	Afterglow time (sec)	Burned area (cm ²)
2min	No.1	5	6	90
	No.2	1	14	102
	No.3	0	7	77

4. Remarks : Without drying process at 50±2 °C.

5. Reference standard

Plywood

Remaining flame time (sec)	Afterglow time (sec)	Carbonized area (cm ²)
Max 10 secs	Max 30 secs	Max 50cm ²

Low-partition board

Remaining flame time (sec)	Afterglow time (sec)	Carbonized area (cm ²)	Other requirement(s)
Max 10 secs	Max 30 secs	Max 70cm ²	It shall not flaming or smouldering in 15 minutes after stop heating.

6. Test sample(s)

No.1	No.2	No.3

● This test report only relates to the submitted sample(s).

● Without permission of the test center this test report is not permitted to be duplicated in extracts.

Chief of Section

Noriaki Inoue

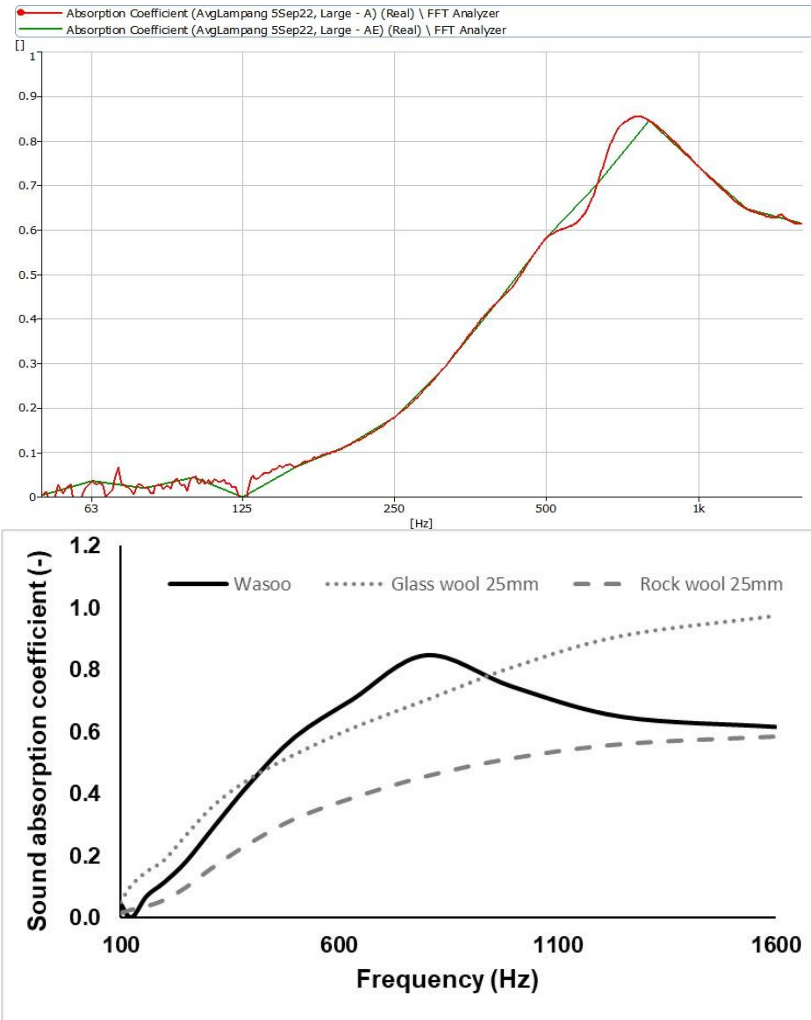
Person in Charge

Manami Kuriwa

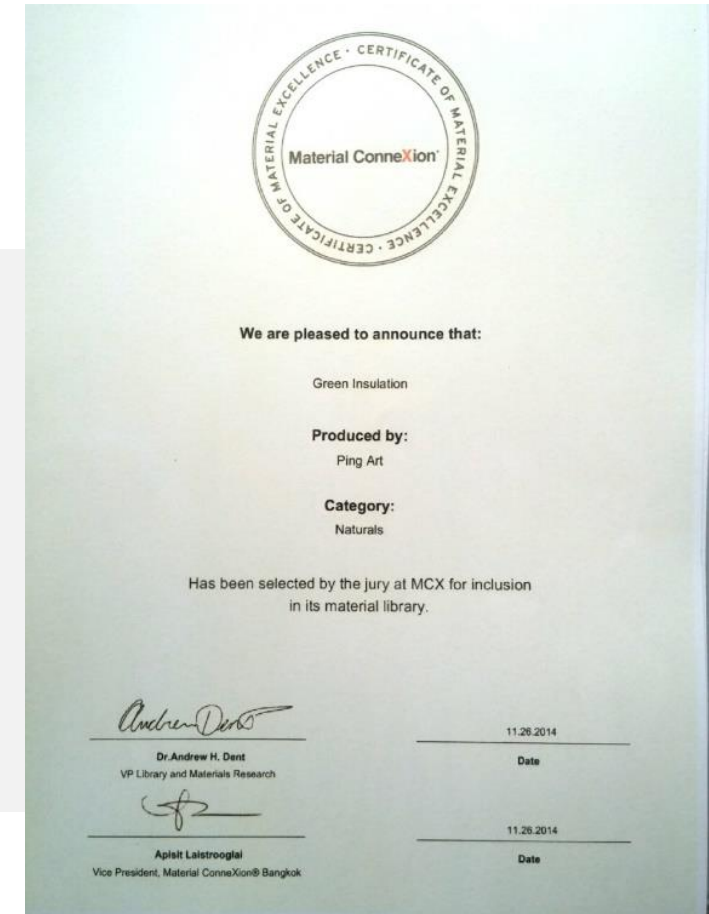
Flammability test result
From NISSEN QUALITY
EVALUATION CENTER



Test result



Acoustic sound test result
from National Institute of Metrology (Thailand)



Material Connexion
Certificate



Sustainable bio decorative materials for life

Contact us



JARERNTTRIBHOP LIMITED PARTNERSHIP

Email: wasoosale24@gmail.com

Phone: +66 (0)61 5424469, (0)65 5569493

www.wasoo.co

