

VIRO[®]

INFINITE POSSIBILITIES



PRODUCTS CATALOG

We Are Your #1 Tropical Architecture Specialist. We Provide 100% Recyclable, Strongly Durable, and Highly Customizable, Eco-Friendly Materials.

INTEGRITY

PT. Polymindo Permata, launched as a brand Viro in 1998, is based in Indonesia and has gained a global market of furniture and tropical building industry in manufacturing new developed material all-weather wicker and thatch.

TECHNOLOGY

We intend to draw a powerful line between craftsmanship and technology to full satisfaction of our customers.

SUSTAINABILITY

We understand that synthetic material industry can have a profound social and ecological impact. We always had a vision for the company that went beyond establishing a business.



Water Villa Maalifushi, Maldives

Virothatch

Virothatch is synthetic thatch made of HDPE, designed to provide alternative thatch roofing that proved more durable, safe, and environmentally friendly. At the moment Viro offers two kinds of thatch products. Virothatch BALI has a smooth surface, and the fiber strands are a combination of natural tones of toasty brown, light tan, and Ivory; this gives Bali a very natural dried thatch look. In comparison, Virothatch JAVA has a textured surface. The fiber strands look like natural thatch with a rougher texture. The Java has a deeper range of browns and honey tones with darker textures.

Chimelong Ocean Kingdom, Zhuhai, China



Virothatch

VIRO THATCH JAVA AGED



Front View



Texture Close Up



Glue Binder



Water Way on Backside

WHY IS IT BETTER?

- Maintenance free, will not remold, rot, or shed.
- Resists termites, birds and other pests that normally infest and breakdown natural thatch.
- Virothatch is 100% weatherproof.
- No season shortages because it is factory produced.
- 100% recyclable. Made of HDPE, high-density polyethylene.
- Available with or without built-in fire retardant.
- Virothatch will not fade or discolor.
- Each strand varies in color from brown to honey, giving Virothatch a very natural authentic look.
- Limited Warranty of 20 Year.

Virothatch

VIRO THATCH BALI



Front View



Water Way on Backside



Texture Close Up



Glue Binder

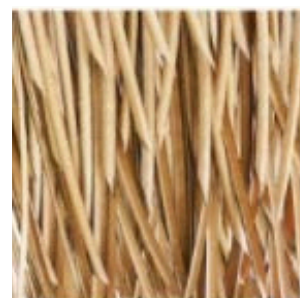


Araglen Villas, Berawa, Bali, Indonesia

VIRO THATCH JAVA



Front View



Texture Close Up



Glue Binder



Water Way on Backside



Beach Walk Bli Shopping Centre, Kuta, Bali, Indonesia



- **2L SUBROOF THATCH**

Dimension : 78.7 x 60 x1.2 cm
Packing : 80 x 65 x 18 cm
Qty/Box : 42 panels
Weight/Box : 22 kg
Weight/Panel : 0.5 kg

- **RIDGE SUBROOF THATCH PANEL**

Dimension : 82 x 35 x1 cm
Packing : 85 x 52 x 52 cm
Qty/Box : 24 panels
Weight/Box : 24 kg
Weight/Panel : 1 kg

- **3L SUBROOF THATCH**

Dimension : 78.7 x 62.5 x1.2 cm
Packing : 80 x 65 x 18 cm
Qty/Box : 25 panels
Weight/Box : 14 kg
Weight/Panel : 0.5 kg



San Diego Zoo, USA

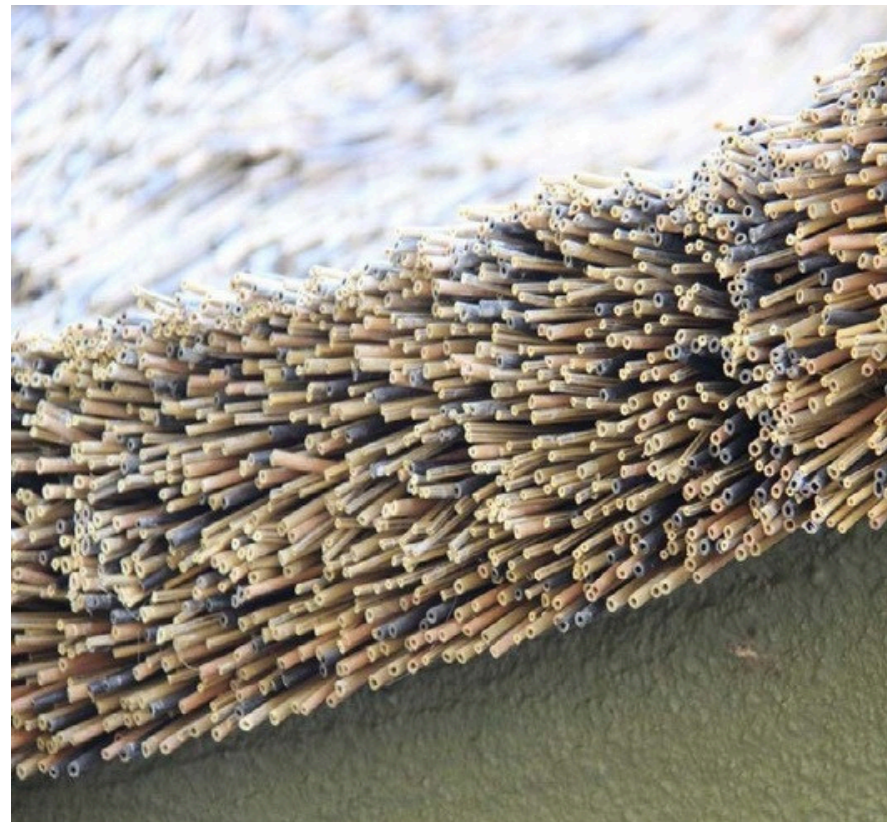
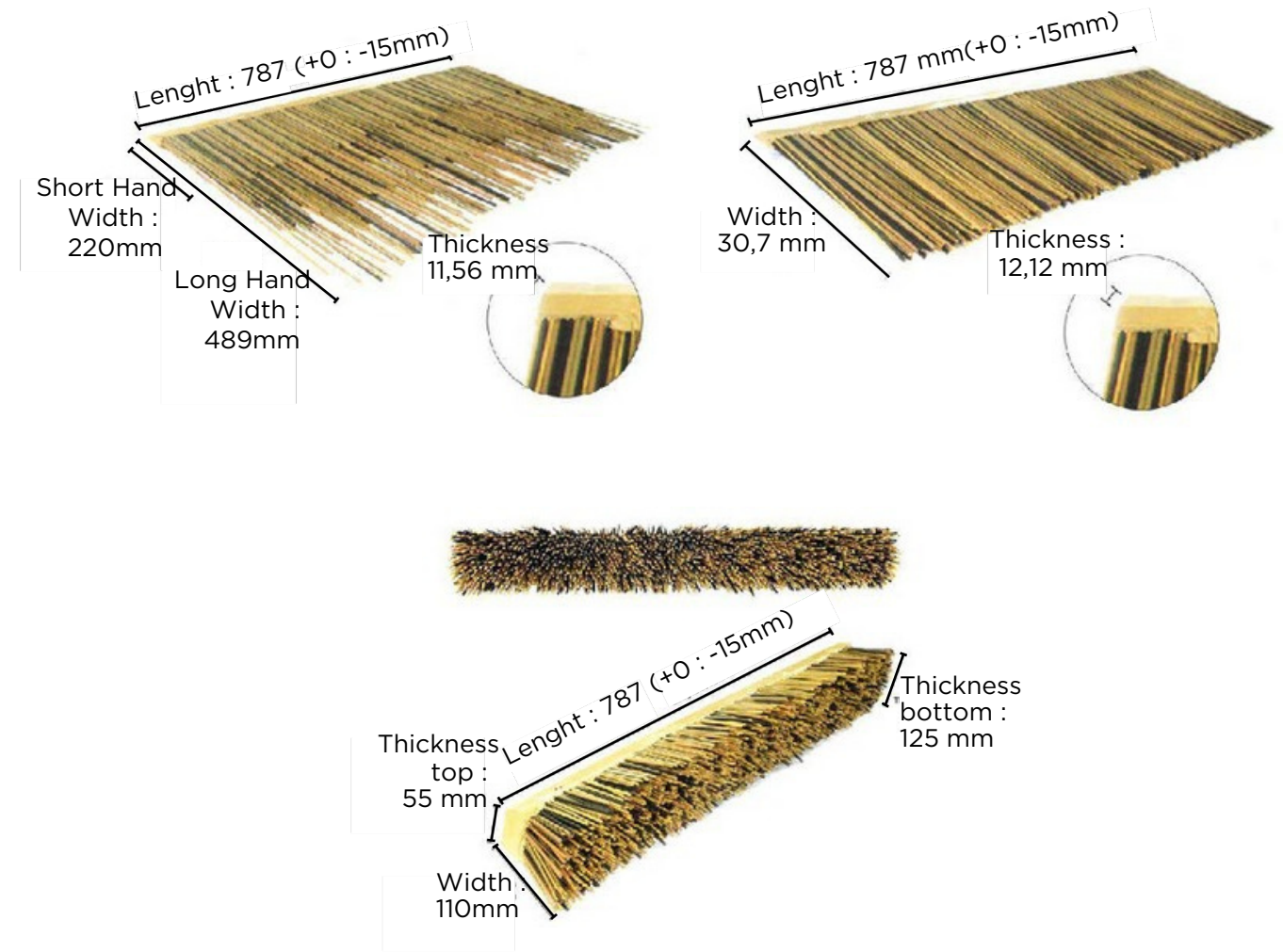
Viroreed®

Viro Reed is a synthetic thatch made from HDPE. It is a 100% recyclable material that is maintenance-free. Will not rot, mold, or shed! The synthetic material resists termites, birds, and insects that are the common cause of breakdown and failure of natural products. ViroReed thatch is sought after by Architect, Designer, hospitality, and zoos to create an authentic environment and natural appearance. This 100% waterproof and weatherproof material is ideal for structures such as umbrellas and canopies without a sub-roof, as water is less likely to permeate. Easy to install, ViroReed thatch panels are installed as simply as a typical roof shingle.

Viroreed®



Viroreed®





Panel



Starter Panel



Eave Panel

WHY IS IT BETTER?

Maintenance free, will not remold, rot, or shed.

- Resists termites, birds and other pests that normally infests and breakdown natural reed.

Viroreed is 100% weatherproof

- No season shortages because it is factory produced.

100% recyclable. Made of HDPE, high-density polyethylene.

- Available with or without Built-in fire retardant.
- Viroreed will not fade or discolor.
- Each strand varies in color from brown to honey, giving Viroreed a very natural authentic look.
- Contains non-toxic compound, also non-toxic gas produced in case of fire.
- Limited Warxranty of 20 Years.



Araglen Villa, Bali, Indonesia

VIROsurface[®]

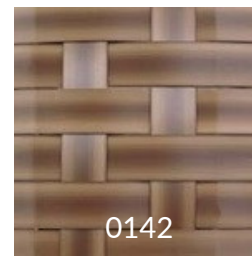
Virosurface is the age-defying, high-performance indoor/outdoor ceiling and wall coverings that are non-toxic and UV tested. These fibers are fully water-resistant and insensitive to sun, chlorine and harsh weathering. Its beauty never fades. Available in three distinctive weaves: Basket weave, Herringbone, and Bandeau.



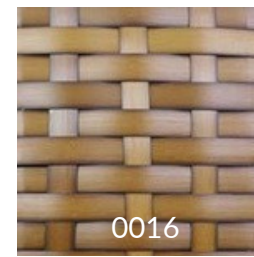
0023
Basket-Weave
Rustic Black 20x1.5 mm



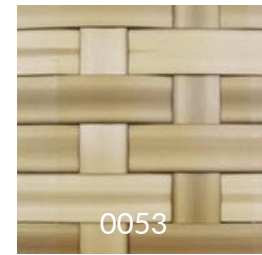
0018
Basket-Weave
Dark Mahogany 12x1.2 mm



0142
Basket-Weave
Red Pine 20x0.9 mm



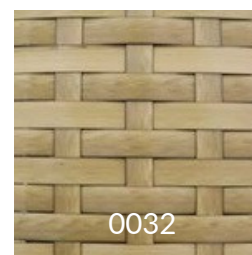
0016
Basket-Weave
Red Pine 12x1.2 mm



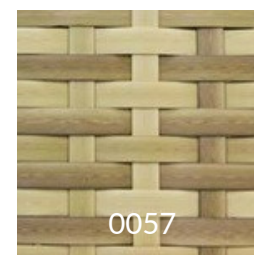
0053
Basket-Weave
MT Arurog 12x1.2 mm



0026
Basket-Weave
MT Arurog Brushed 12x1.2 mm



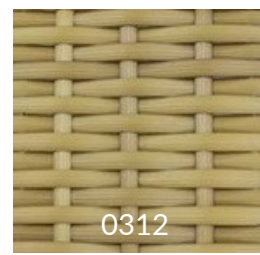
0032
Basket-Weave
MT Arurog 12x1.2 mm



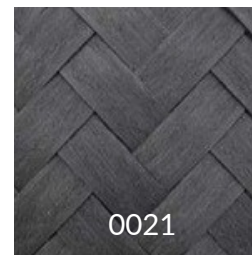
0057
Basket-Weave
MT Arurog 12x0.9 mm



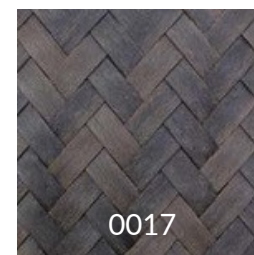
0319
Basket-Weave
MT Arurog Brushed 7x1.2 mm



0312
Basket-Weave
Ribbed Honey Wicker 6x1.2 mm



0021
Herringbone Weave
Rustic Black 20x1.5 mm



0017
Herringbone Weave
Dark Mahogany 12x1.2 mm



0014
Herringbone Weave
Red Pine 12x1.2 mm



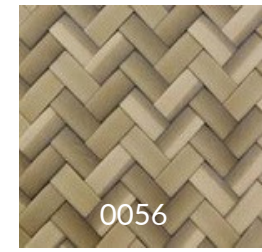
0054
Herringbone Weave
Red Pine 20x0.9 mm



0052
Herringbone Weave
MT Arurog 20x0.9 mm



0041
Herringbone Weave
MT Arurog 12x1.2 mm



0056
Herringbone Weave
MT Arurog 12x0.9 mm



0024
Herringbone Weave
MR Arurog Brushed 20x0.9 mm



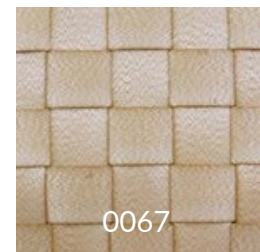
0310
Herringbone Weave
MT Arurog Brushed 7x1.2 mm



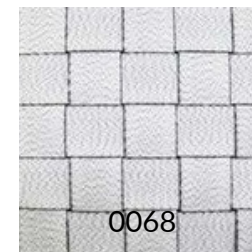
0033
Bandeau Weave
Brown Oak 25x1 mm



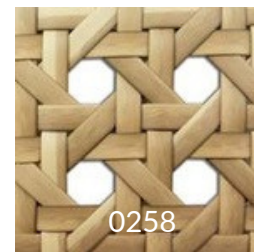
0031
Bandeau-Weave
Nigerian Satinwood 25x1 mm



0067
Bandeau-Weave
Euro Ash Hyacinth 25x1 mm



0068
Bandeau-Weave
Off White Hyacinth 25x1 mm



0258
Bunga Tanjung Weave
MT Arurog Non Brushed
12x1.2 mm



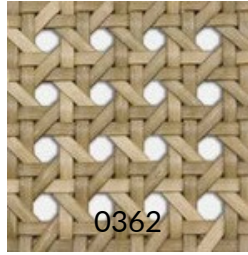
The Mulia, Bali, Indonesia

WHY IS IT BETTER?

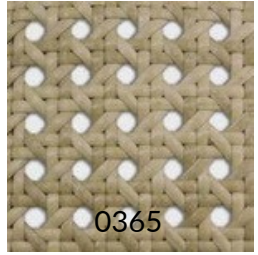
- Maintenance free. Does not chip, peel, remold, fade or discolor. Water resistant.
- All-weather resistant. Insensitive to sun, chlorine and harsh weathering. Contains non-toxic compound, also non-toxic gas produced in case of fire. 100% recyclable. Made of HDPE, high-density polyethylene. Long durability.
- Available with or without built-in fire retardant.
- Offered in three types of standard weaving patterns: Bandeau Weave, Basket Weave, Herringbone Weave, and Bunga Tanjung Weave. It is possible to create new weaving patterns accordingly to the need of the project.
- For indoor use, the product lifecycle is 20 years with a Limited warranty
- For outdoor use, the product lifecycle is 5 years with a limited warranty
- Length of product lifecycle and low maintenance requirement, ensure reduced energy consumption.



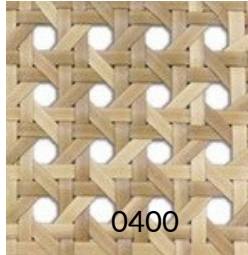
0294
Bunga Tanjung Weave
MT Arurog Brushed
12x1.2 mm



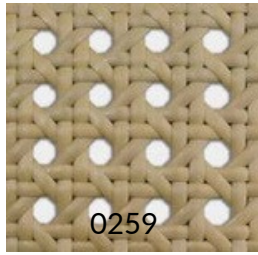
0362
Bunga Tanjung Weave
MT Arurog Brushed
7x1.2 mm



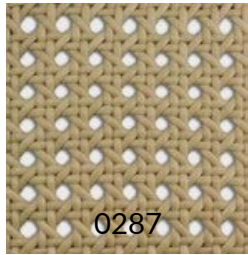
0365
Bunga Tanjung Weave
MT Arurog 6x1.2 mm



0400
Bunga Tanjung Weave
MT Arurog non Brushed
7x1.3 mm



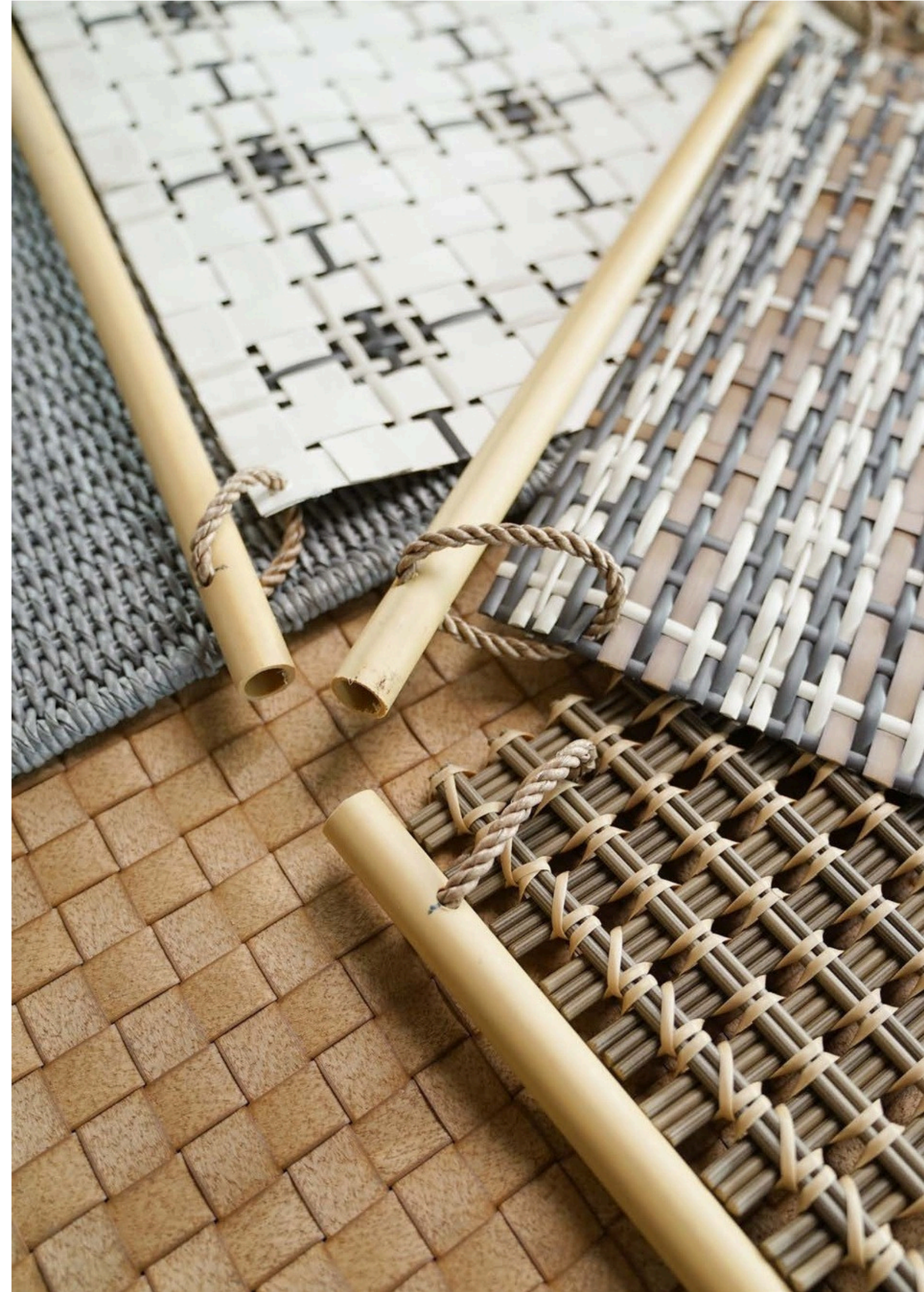
0259
Bunga Tanjung Weave
Antique Honey
7x1.3 mm



0287
Bunga Tanjung Weave
Honey WP
4x1 mm



The Mulia, Bali, Indonesia



OFFERED IN TWO STANDARD SIZING:

Standard Size 1

Dimension: length 2.44 m;
widths 1.22 m

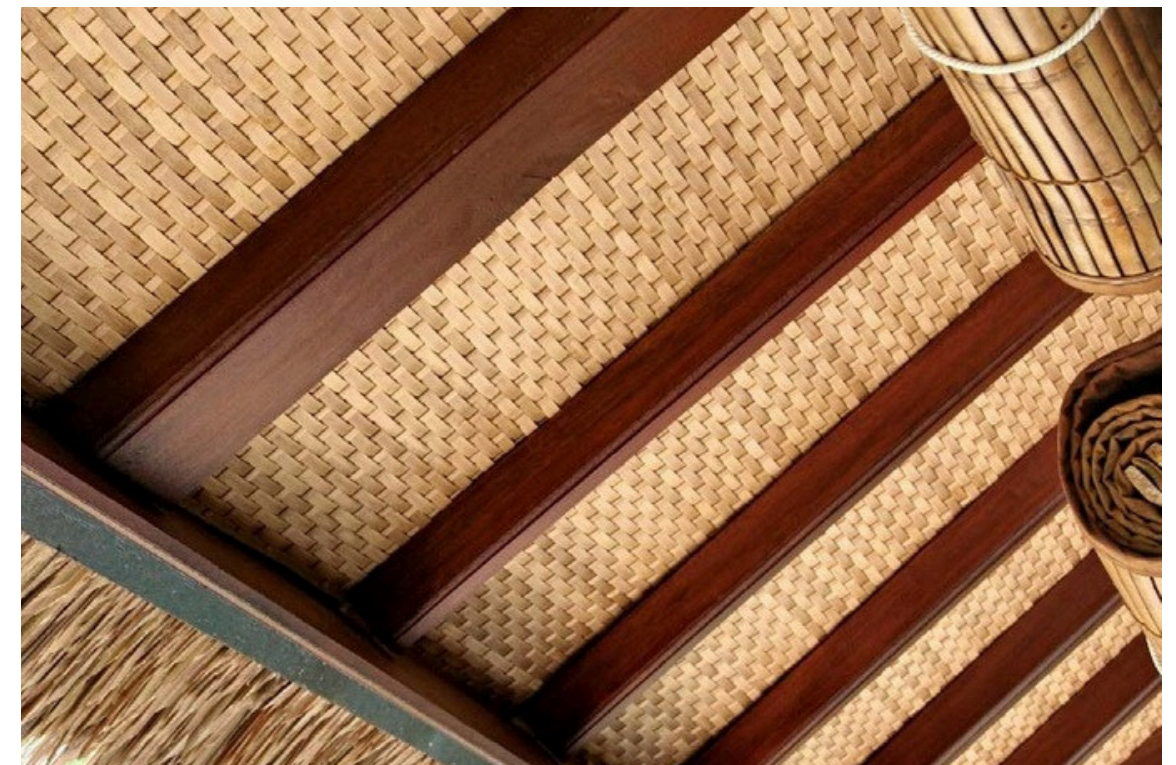
Packing : 0.35 x 0.35 x1.27 m
Qty : 10 sheet/ roll

Standard Size 2

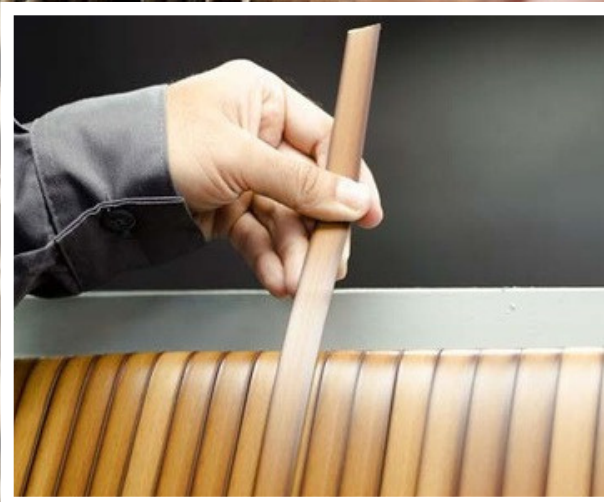
Dimension : length 7.62 m;
widths 1.22 m

Packing : : 0.35 x 0.35 x1.27 m
Qty : 3 sheet/ roll

It is possible to create new custom sizing accordingly to the need of the project



Private Villas, Sanur, Bali, Indonesia





Pandora, the world of Avatar, Disney Animal Kingdom, Florida, USA

VIROUMBRELLA

Viroumbrella is a tropical outdoor umbrella with synthetic thatch cover that will not remold, rot, or shed, and most importantly, it is 100% recyclable. We provided Viroumbrella with 4 types of leaves; Bali Smooth Leave, Java Textured Leaves, Reed Leaves, and Mexican Rain Cape.



JAVA TEXTURED LEAVES



BALI SMOOTH LEAVES



REED LEAVES



MEXICAN RAIN CAPE



Adventure World. Amusement Park, Perth Australia.

WHY IS IT BETTER?

- Resists termites, birds and other pests that normally infest and breakdown natural thatch. Maintenance free, will not remold, rot, or shed. 100% recyclable. Made of HDPE, high-density polyethylene.
- Available with or without
- Built-in fire retardant.

- ViroUmbrella is 100% weatherproof.
- Contains non-toxic compound, also non-toxic gas produced in case of fire.
- Both of the frame and pole is steel which has a process of safe sandblasting to remove poisonous products from components and structures, leading to effective decontamination before it is coated by marine coating.
- Limited Warranty of 20 Years.



Tusker House, Animal Kingdom, Walt Disney World,



Viroumbrella



Tusker House, Animal Kingdom, Walt Disney World, USA



Jawa Timur Park, Jawa Timur, Indonesia



VIRO™ bamboo

Viro Bamboo is one of our unique products for decorative or structural elements. Our Viro Bamboo has the look and feels of natural bamboo. You won't be able to tell the difference between Viro Bamboo and natural bamboo. This product has all the "green" features that Viro has to offer: All-weather, non-toxic, will not chip, fade or peel and contains no PVC. We have the natural color of bamboo with high durability and long-lasting quality.



RAISE



The Nusantara Coast Ceiling

OD	MAX LENGTH	THICKNESS
24mm	4000m	3mm
32mm	m	3mm
75mm	4000m	3mm
50mm	m	3mm
	4000m	

WHY IS IT BETTER

- Maintenance free and does not peel nor discolor.
- Long durability.
- Resists insects that normally infest natural bamboo.
- Virobamboo is 100% Weatherproof.

- No season shortages because it is factory produced.
- 100% recyclable. Made of HDPE, high density polyethylene.
- Available with built-in fire retardant.
- Light and bendable, yet strong and not easy cracked.
- Limited Warranty of 10 Year.

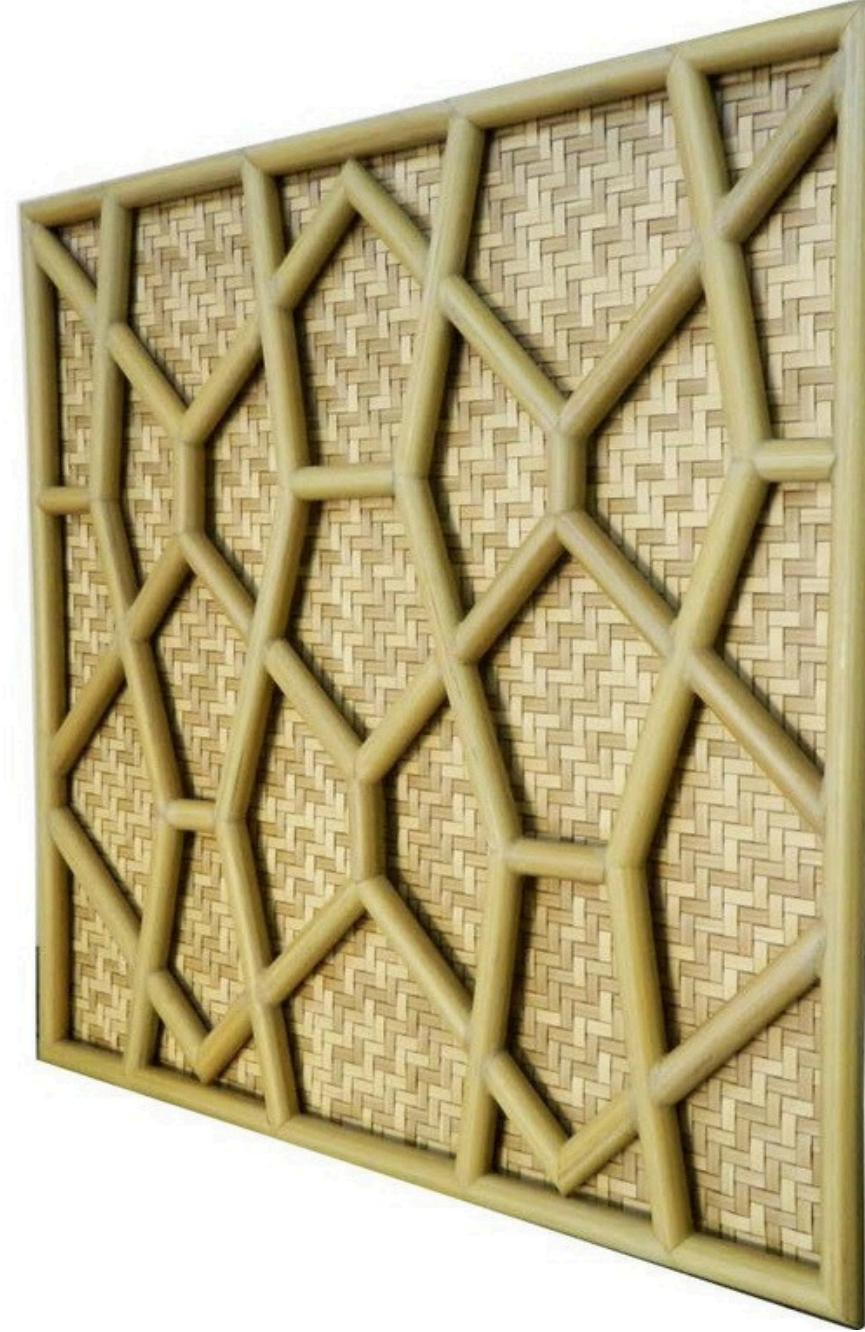


IndoBuild Technology, Jakarta, Indonesia



Bird Net Shelter, Trisakti, Indonesia

VIRO bamboo





VIROTM fence

Virofence is a wicker fence, made from Viro's fiber with basket weaving pattern and using a special Virofence system. It is environmentally friendly, long-lasting and 100% recyclable. The durability is evidenced by its weather resistance and, in particular, its highly tested ability to withstand UV rays. The fiber has been through intensive quality control. No toxic chemicals are needed to maintain the product – It is easy to clean using mild soap and pest and fungus-free. The installation and assembly are easy.



WHY IS IT BETTER

- Maintenance Free and does not chip, peel, remold, or discolor.
- Long durability.
- Resists termites, birds and other pests.
- 100% Weatherproof.
- Limited Warranty of 10 Year.
- No season shortages because it is factory produced.
- 100% recyclable. Made of HDPE, high-density polyethylene.
- Available with Built-in fire retardant.
- Non-toxic compound and gas produced in case of fire.



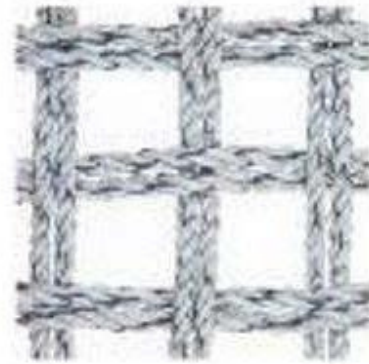




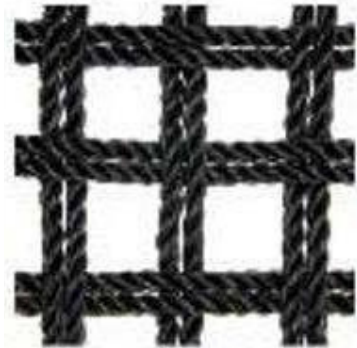
Residential Project, Indonesia

VIROTMrope

Viorope is a synthetic rope made of HDPE. An environmentally friendly and recyclable product, which can be applied for many decorative purposes. HDPE is entirely UV resistant; the color will not fade in the sunlight. Viorope is available in 5 beautiful colors; Tropical, Nigerian Satinwood, Balck, Euroash, and Brown oak.



OFF WHITE
Hyacinth Rope



BLACK
Hyacinth Rope



EUROASH
Hyacinth Rope



TROPICAL
Hyacinth Rope



BROWNOAK
Hyacinth Rope



NIGERIAN SATINWOOD
Hyacinth Rope



WHY IS IT BETTER?

Natural look of water hyacinth.

Maintenance free, will not remold, rot, or shed.

Will not fade or discolor.

Viroropes is 100% weatherproof.

- 100% recyclable. Made of HDPE, high-density polyethylene.
- Contain non-toxic compound, also non-toxic gas produced in case of fire.
- Limited Warranty of 5Year.



Viro Shades

VIRO shades

With new creative methods and manufacturing, Viroshades was created from the most natural looking synthetic blades of bamboo. Used for functioning and decorative applications, Viroshades has all the “green” features that Viro has to offer: All-weather, non-toxic, will not chip, fade or peel and contains no PVC. Viroshades are made of HDPE which is 100% recyclable and safe for the environment. Each specific set of shades may be specified with a particular width of blinds.



SHADE



SHADE ROLL



STAINLESS STEEL PULLEY



STITCHES

VIROSHADES HAS ALL THE SUSTAINABLE FEATURES NEEDED:

Easy maintenance and

- Does not chip, peel, remold, or discolor.

All-weather resistant

- 100% recyclable. Made of HDPE, high-density polyethylene.

Natural look of bamboo

- 100% Weatherproof.

- Neat and strong stitching between bamboo blades.

- Available with built-in flame retardant formulation.

- The pulley is manufactured and specifically designed to have the shades roll easily

- and
• nLeimati.ted Warranty of 5 Year.



Facade Bangka House, Indonesia

archineering

Archineering is an architectural concept emphasizing flexibility and strength that allows the material from Viro to be shaped, bent, and woven according to the desired pattern. Archineering by Viro works hand in hand with architects, artisans, and fabricators to produce a unique product. The concept of archineering from Viro brings an innovative freshness to ambitious designers because of how flexible the design possibility is.



ICAD 2017 "There's Evil", Jakarta, Indonesia

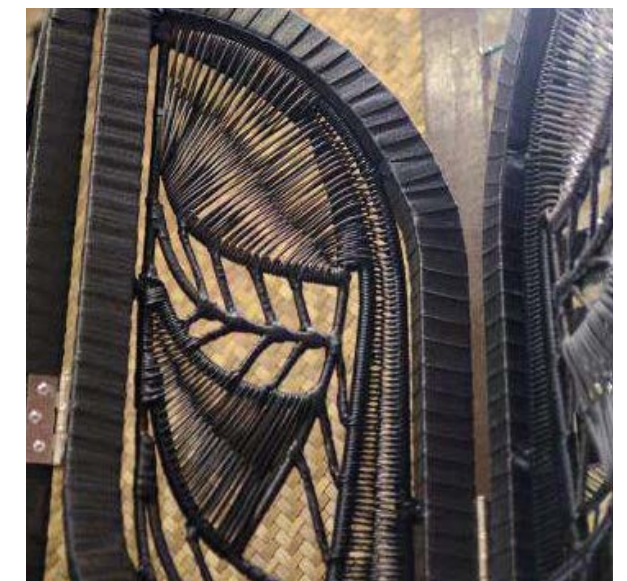
archineering



PASAK



PILLAR COVER



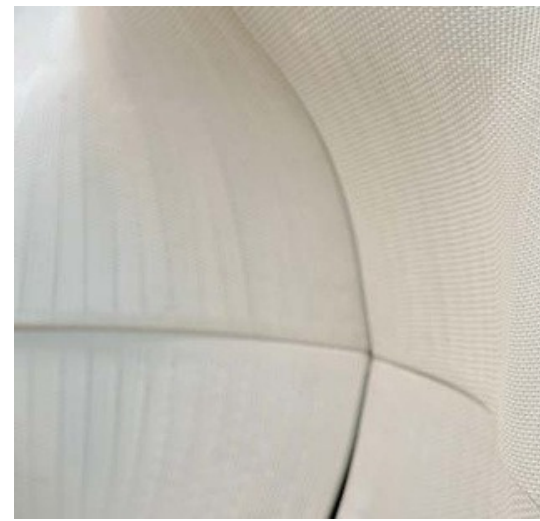
ROOM DIVIDER

ARCHINEERING BY VIRO, AS ALL VIRO SYNTHETIC PRODUCTS HAS THESE FEATURE AND BENEFITS:

- Non-toxic and contains no halogenated compound.
- Totally maintenance free and washable.
- Long Durability
- Does not chip, peel, fade, or discolor in the elements.
- 100% Weatherproof
- Resists termites and other pests.
- All-weather resistant.
- 100% recyclable.
- Available with or without built-in flame retardant
- Limited Warranty of 10 Year.



LEAF PANEL



WAVE PANEL



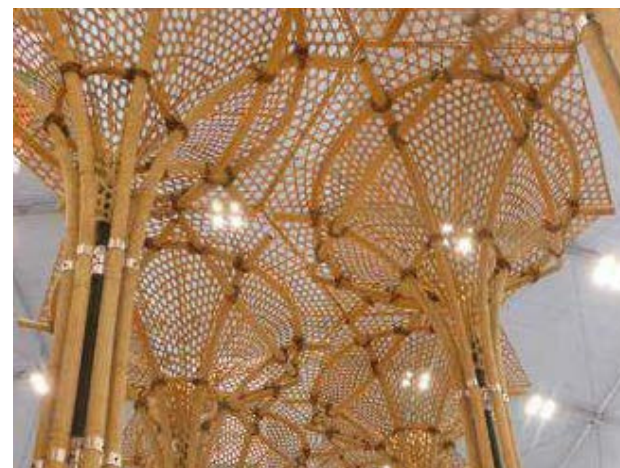
FACADE PANEL



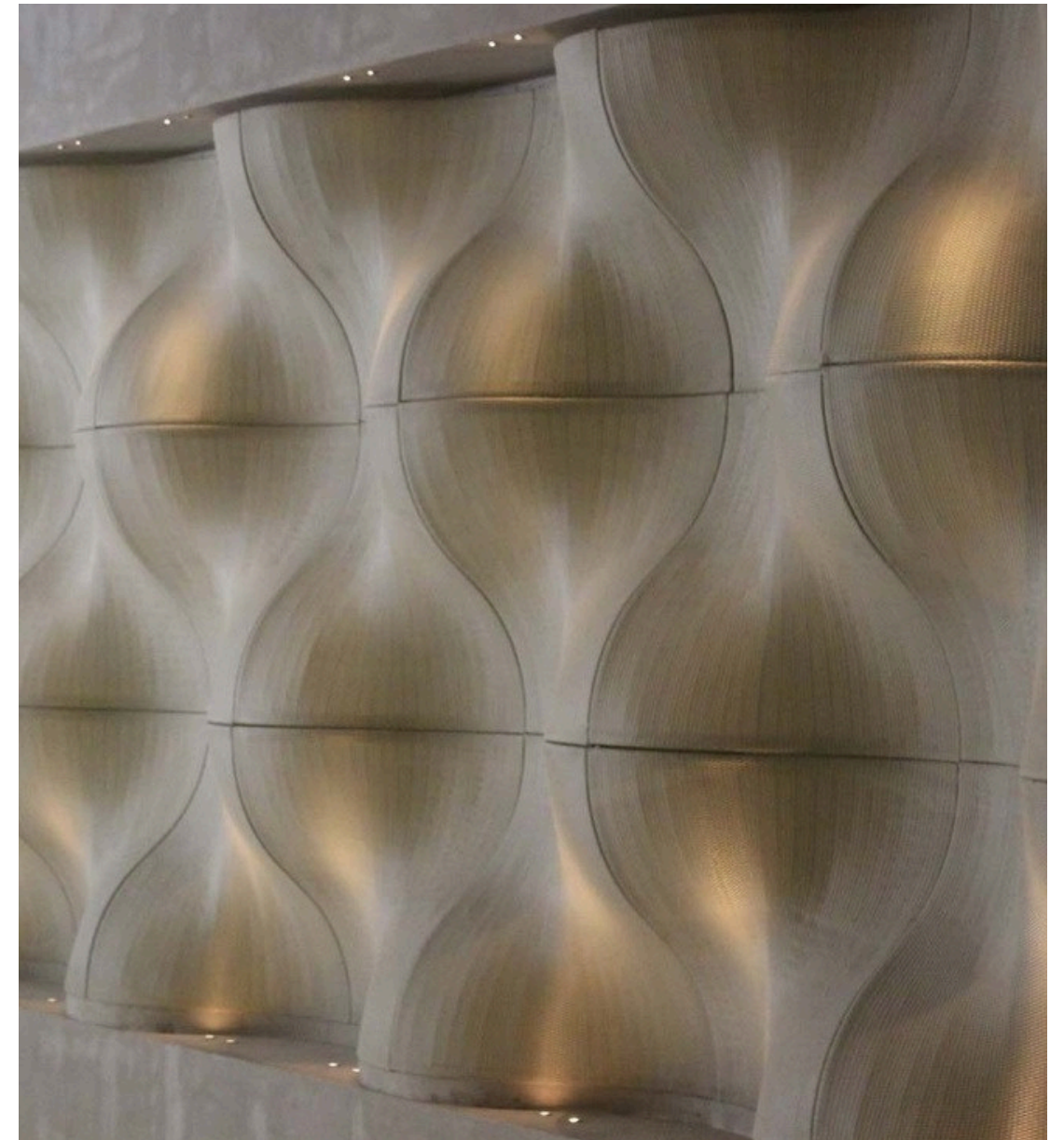
CURVED PANEL



ART INSTALLATION



TORRICELLI FORMATION



Aloft Hotel, Kuala Lumpur, Malaysia



Pandora, The World of Avatar,
Florida, USA



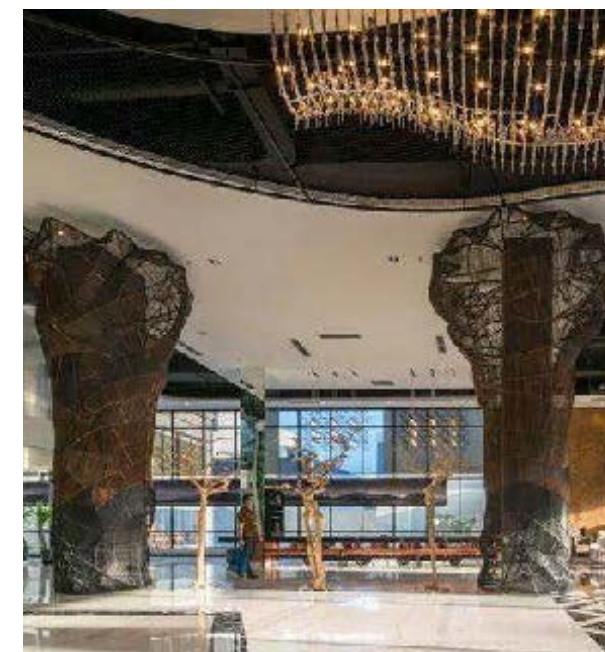
Paskal 23 Shopping Centre,
Bandung, Indonesia



Indonesia Pavilion - World Expo, Milan, Italy



Anata Rupa - BDD 2019, Jakarta, Indonesia



Luminor Hotel, Jakarta, Indonesia



Syamsuddinor International Airport,
Banjarmasin, Indonesia



No toxic chemicals are needed to maintain the product – it cleans easily with mild soap and water and is pest and fungus-free. The installation and assembly are easy.





HORESTCO

Jalan Mantingan, Desa Langon RT 12 RW 05, Kecamatan Tahunan,
Kabupaten Jepara, Central Java, 59425, INDONESIA

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export@horestco.com

www.horestco.com

628551065899