

NAVA
FLEXI WALL TILES

CLADDING AND FLOORING

GREEN FLEXI CLAY

The Alternative Solution for Tiles and Cladding

SGS



HUBUNGI :  QHOME MART

08112863773
CHAT ONLY

OUR COMPANY

"We are merely taking care our mother's nature to create and provide new ecological-friendly building material on the good impact for the society"

Embracing green material is not only our company mission and spirit on innovative building material but also our purpose to create better world we live in. Nava Wall & Flooring Cladding has certified ISO 14001 Environmental Management System and ISO 9001 for Quality Management System Certification. They are widely suited for the interior and exterior decorative material of residential and commercial uses such as homes, hotels, office buildings, schools and many more.

Vatana Corp, a holding company has modest and humble beginning started in 2003 as a modest supplier for laminate flooring who selectively sources from reputable Australian company. At this early time, there were not many that are able to produce with high quality laminate. At this time, our mission is to provide sustainable and green material for Timber replacement arising from the deforestation concern on the illegal logging and global warming especially in Indonesia.

Our commitment is preserving the mother nature at its best to be our 'home' for survival of human race against the harming activities that causes irreversible damage on the balance of ecosystem.

Nava offers many benefits with its innovative technology from Modified Clay property and could provide ample choices of stones and colors. The product has widely accepted and sold all over the world and exported to Southeast Asia, Middle East, Australia and more. They feature lightweight and thin materials, strong and yet flexible with good air permeability. We envision the future of the building materials lies on material that could provide better material properties and customized designs to rather rare and hard to source natural product. At this very moment, we are proudly introducing Nava® Wall to best suit growing demand for:

1. Mining: high demand for natural stone as wall covering
2. Green-house effect concern on the high-rise buildings that leads to carbon emission

Our modified clay has been tremendous breakthrough on the R&D to flexible exterior wall that can withstand heat, UV rays, and harsh weather. This will be the answer to alleviate environmental issue from mining in the quarries. We have to urge the architects and stakeholders opt for green material on the skyscrapers and residential development.

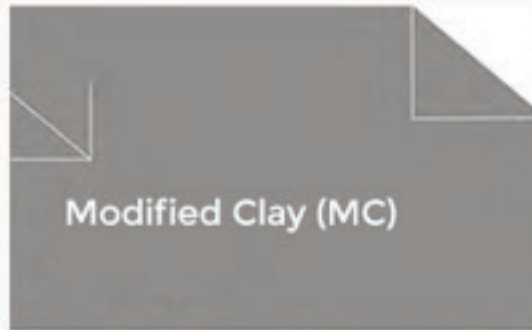
MODIFIED CLAY



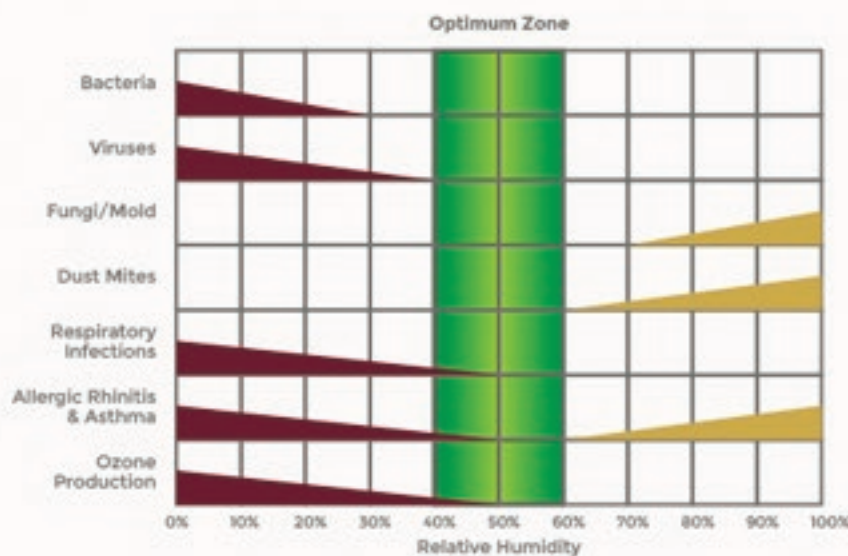
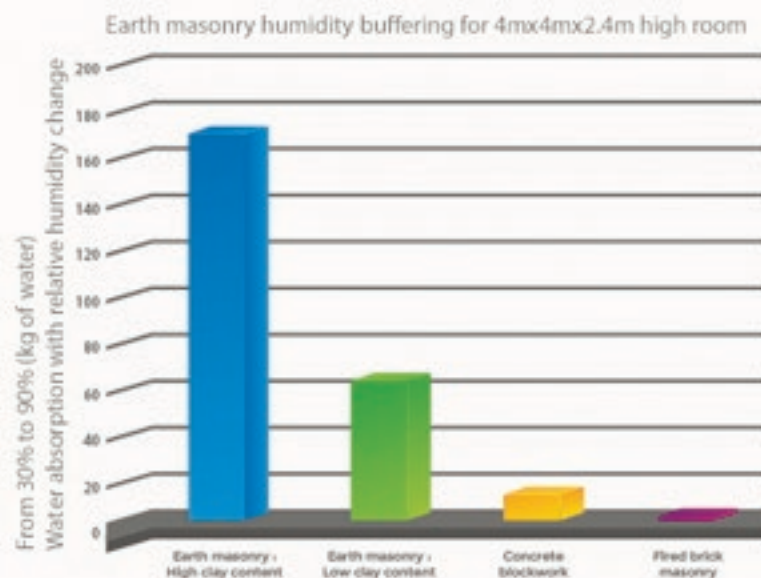
New Raw Building Material

Modified Clay has opened new possibility as inorganic clay in the world of green material. It can be modelled similar to plastic as substitute for natural bricks and stones with great flexibility to overcome the limitation of the natural stones.

Nava currently has been developed with various MC products for interior and exterior uses and is expected to save 80% of the energy compared to traditional building material. Nava could deliver choices for natural-stone like flooring and cladding. Unfolding its versatility in design friendly shape and surface form in rough, sandstone, leather print, and engraving form, Nava's market opportunities with these broad market segments are immense and rewarding. We hope to unite architects and consumers with like mindset to apply this functional, unique and highly aesthetical material to endless application in the basis of creating green architecture buildings.



Green Flexi Clay Cladding



- Safety for high-rise use while reducing the use of Glass Facade
- Maintain humidity 40-70% RH
- Good weather resistant
- Suitable for high and low temperature application

Breathable

Moisture Regulating Building Material

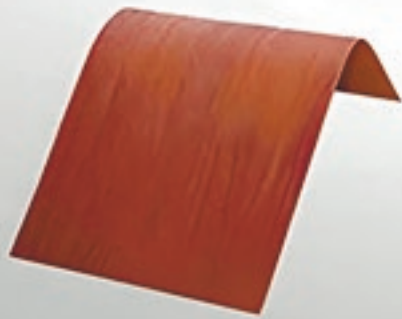
Unfired Flexi Clay Cladding & Flooring is made from our advanced Nava modified clay materials. The materials have passed:

1. Heat-Cycle Test: room temperature (18 hours), freezing -30°C (3 hours) and roasting at 50°C (3 hours) for 15 cycles - no bubbles, cracking or damages and no shrinkage
2. Heat Endurance Test: 80°C for 6 hours simulating hot sunny weather condition
3. Fire Test under ISO 9239-1:2010 floor coverings
4. Other Test Reports: harmful substances, surface quality, weather resistance, dirt-pickup resistance, water absorption, flexibility, and radioactive content.

Generally speaking, our clay can regulate interior humidity between 40% and 70% (Arundel, A.V. 1989) whereby the research has shown the lowest likelihood for airborne infectious bacteria and virus to survive. It is good in shaping better healthy environment in the office, home or public areas.

Nava Application & Advanced Material Properties

NAVA Stone presents the original surface of nature's stone while keep our environment as natural as possible while reducing stone mining that could be detrimental to the ecology.



Flexible



Purify Air, Improve Air Quality



Exterior Wall



Light Weight, Energy Saving
Easy Transport, Fast Construction



Aging resistance,
No deterioration, No Powder



Breatheable decorative material
Porous, comfortable & Damp proof



Floor



Freeze-thw resistance, Anti-aging,
Remain the same in a century



Level-A fireproof,
Effective flame retardant



Non-Toxic
Zero radiation; zero odour
Immediate move-in



Tunnel



Waterproof & Self-Clean



Extraordinary
impact-resisting

50 times harder than traditional
stone or tile upon impact



Refurbishment
Low cost
Short project schedule
Zero debris

Advantage On City and Space Renovation

Fast Installation in low cost, it is brilliant

1. No need to knock off the old base, can paste directly, reduce construction waste and noise;
2. Can be customized in accordance with local custom products.

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FLEXI WALL TILES

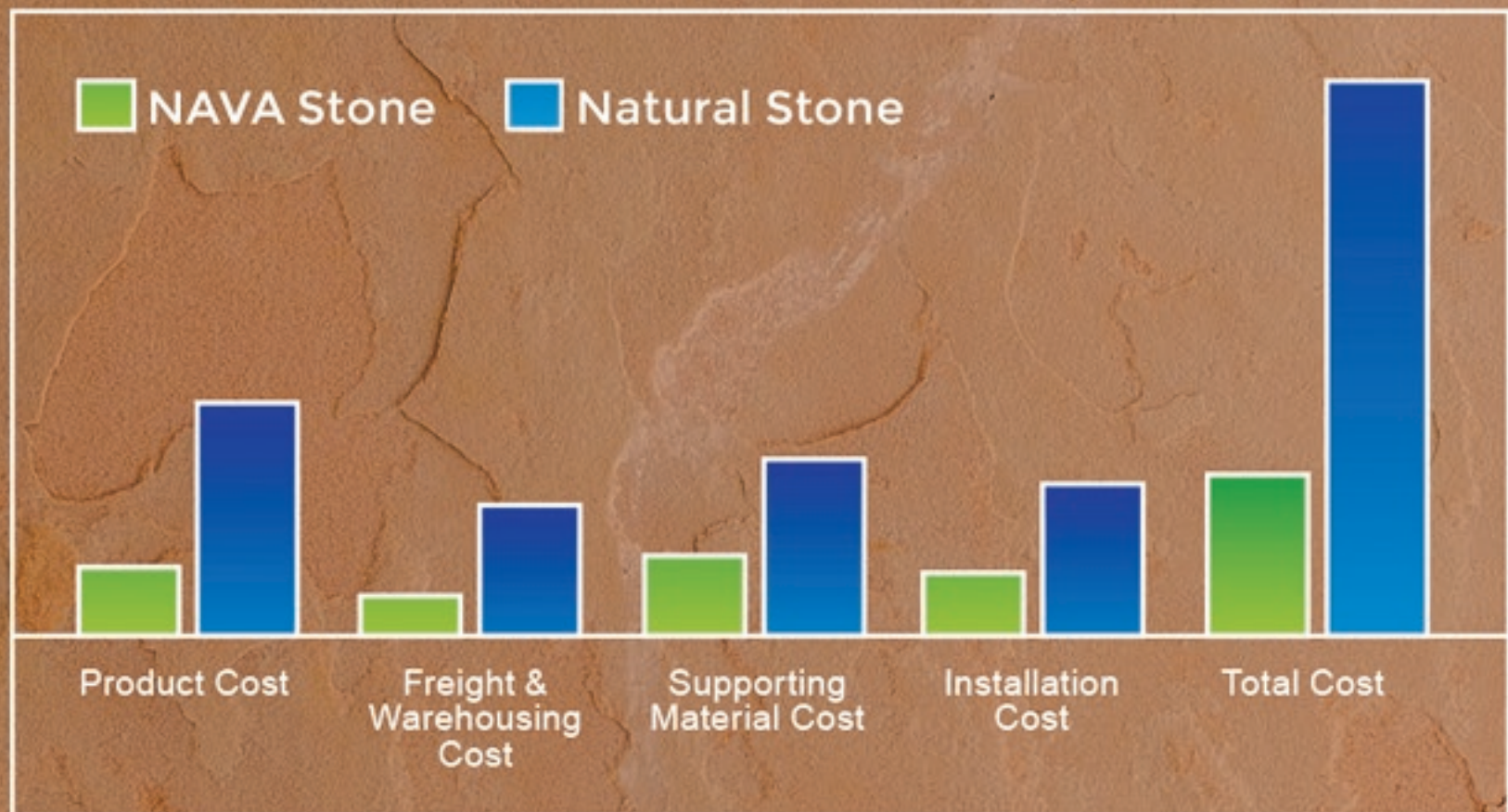
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Green Flexi Clay Cladding

NAVA STONE

Cost Structure Comparison : NAVA Stone VS Natural Stone



In conclusion, Nava offers cost benefit and has no material waste during manufacturing process while traditional stone could impose environmental issue on the mining activities and create lot of waste when pursuing large stone tiles.

NAVA TRAVERTINE



NVT 052



NVT BROWN GOLD



NVT 052 KZ



NVT 031 YZD

Packing Information

Product Size (mm)	Box Size (mm)	pc/Box	Kg/Box	m ² /Box	Box/pallet	m ² /pallet	MOQ (m ²)
1200x600	1230x620x65	16	60 - 65	11.52	10	115.2	230.4
600x300	620x320x90	24	25 - 30	4.32	40	172.8	172.8

NAVA OASIS STONE



Product Description

NV Oasis Stone has long corrugated board, natural color, and just like a landscape painting without a repeat. NV Oasis Stone applies to pavement, oderior wall, roof, tunnel, all kinds of commercial space, public places, entertainment places and bathroom.

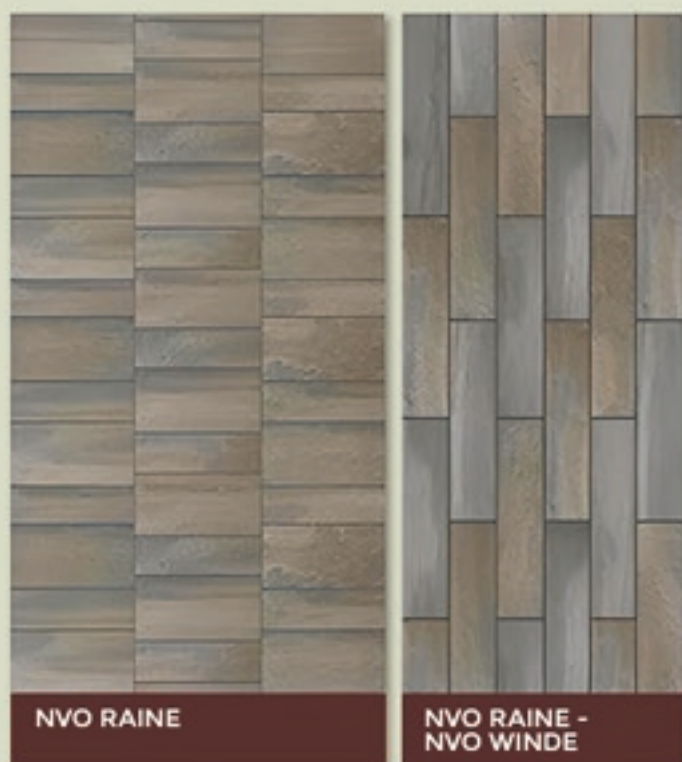
Application Tips

1. NV Oasis Stone product surface just like the natural stone which has rough surface, a. have various thickness. Suggest to do the grouting with same color grout.
2. After pasting the grout on the floor, the surface must be brushed 3-4 times and wipe clean to remove excess grouting or sealer leftover.

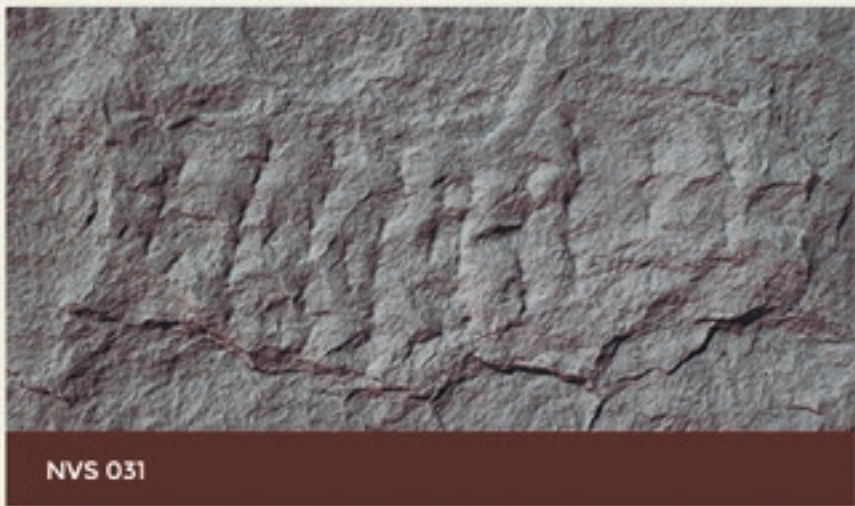
Packing Information

Product Size (mm)	900x600	580x280
Box Size (mm)	920x620 x80	620x320 x90

Nava Oasis for Modern and more Appealing Cladding.
Each stone is unique and none is same.



NVS SLATE



Packing Information

Product Size (mm)	Box Size (mm)	pc/Box	Kg/Box	m ² /Box
1200x600	1230x620x65	18	55~60	12.96
600x300	620x320x90	26	12~16	4.68

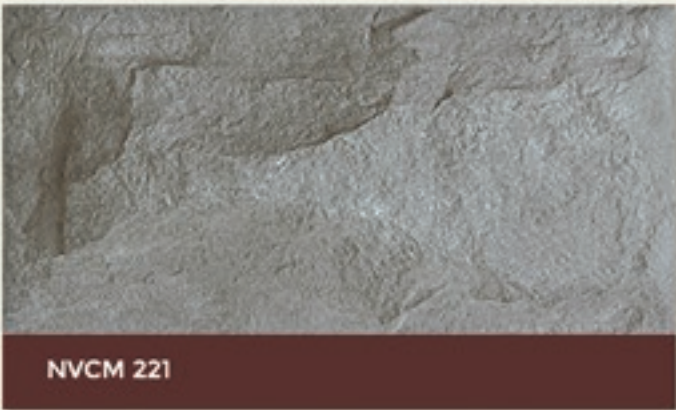
Application Tips

1. NVS Slate product surface just like the natural stone which has rough surface, and have various thickness. Suggest to do the grouting with same color grout.
2. After pasting the grout on the floor, the surface must be brushed 3-4 times and wipe clean to remove excess grouting or sealer leftover.

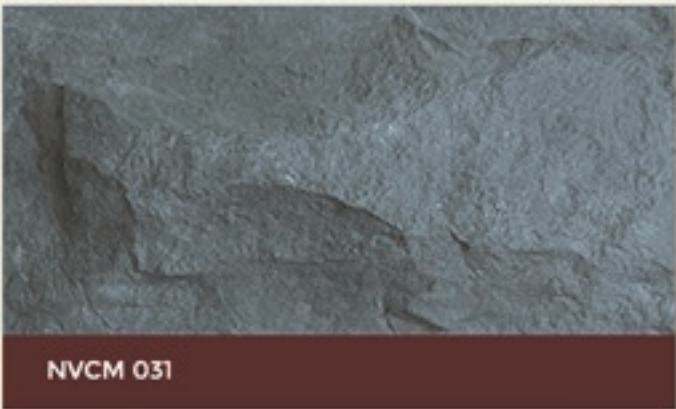
NAVA CROSSARD MUSHROOM STONE



NVCN 052

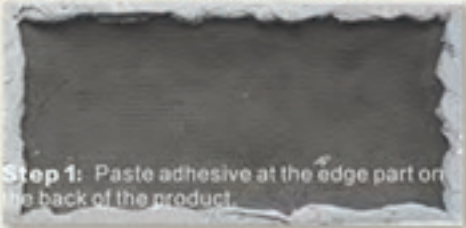


NVCN 221



NVCN 031

3 STEPS INSTALLATION



Step 1: Paste adhesive at the edge part on the back of the product.

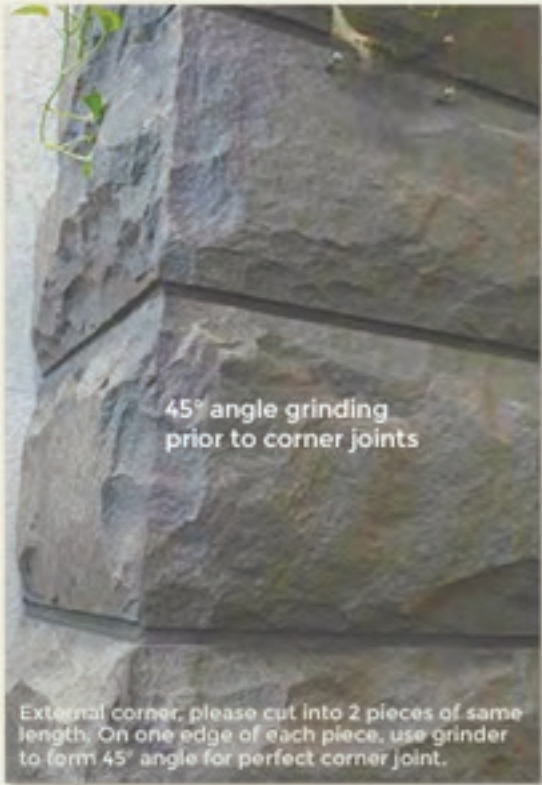


Step 2: Put stainless steel cement nails at the four corners and middle edges of the product.

Nail gun along each edges and center of the tile to adhere to the wall to help mounting while the adhesive is allowed to dry.



Step 3: To use the same color grout to do the grouting and to cover the nail holes.



45° angle grinding prior to corner joints

External corner, please cut into 2 pieces of same length. On one edge of each piece, use grinder to form 45° angle for perfect corner joint.



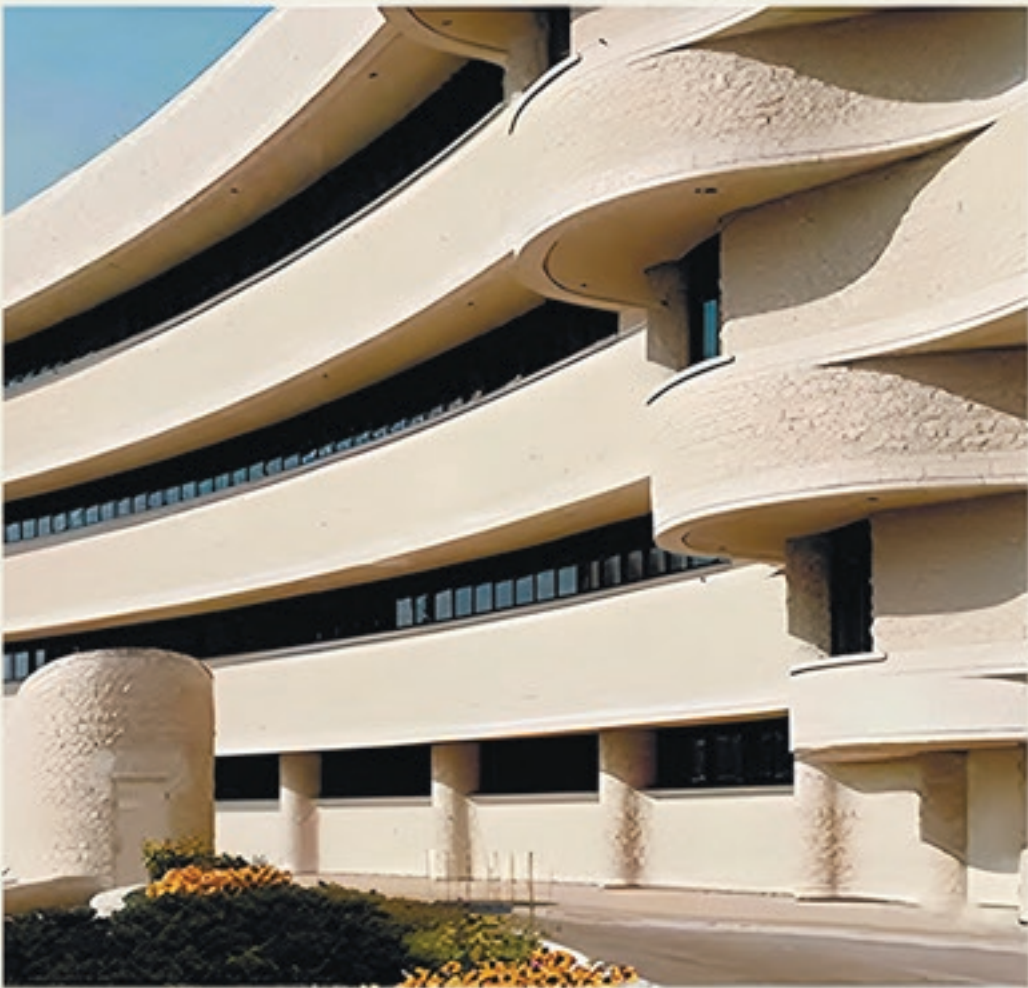
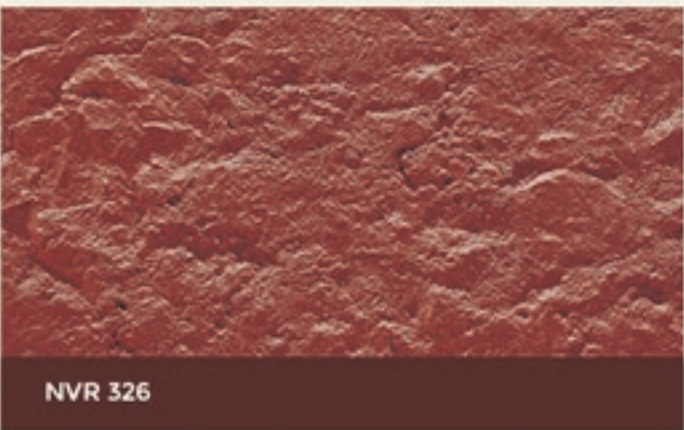
Packing Information

Product Size (mm)	770x370
Box Size (mm)	900x900x1050
pc/box	95
Kg/box	450~500
m ² /box	30.40
MOQ (m ²)	182.40

Applications Tips

Suggest to do grouting. Paste adhesive around the edge of all over the back side. Each edge at the front should put stainless steel cement nail. To use the same color grout to do the grouting.

NVR ROCK-CUT STONE



Packing Information

Product Size (mm)	Box Size (mm)	pc/Box	Kg/Box	m ² /Box
870x580	920x620x90	20	60~70	10.09
580x290	590x300x90	16	16~19	2.69

NV ROUGH GRANITE



Packing Information

Product Size (mm)	Box Size (mm)	pc/Box	Kg/Box	m ² /Box
580x280	620x320x90	24	24~27	3.89
1120x560	1230x630x65	20	55~60	12.55

Application Tips

NV Rough Granite has very rough texture, a good replacement of natural granite stone; It applies to the podium and exterior wall. Suggest to seam with gap and use the same color grout to do the grouting.



NV GRANITE



NVG 810



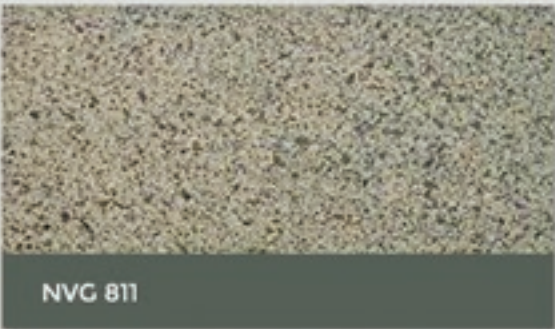
NVG 809



NVG 816



NVG 812



NVG 811



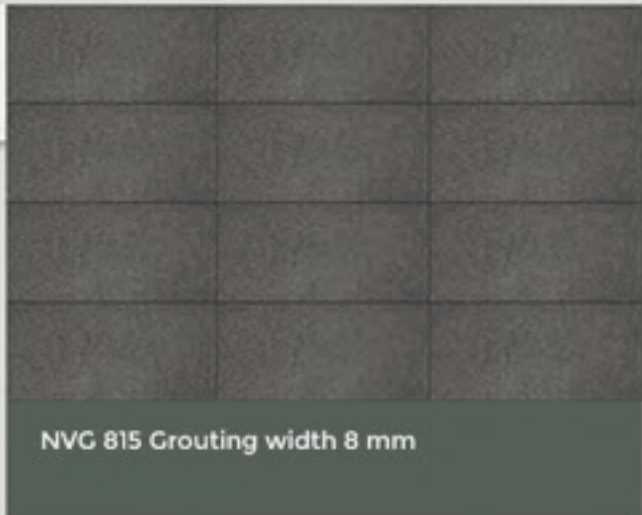
NVG 815



NVG 810 size 600 x width 100, 200 & 300 mm. Grouting width 10 mm



NVG 812 size 600 x 300 mm. Grouting width 10 mm



NVG 815 Grouting width 8 mm



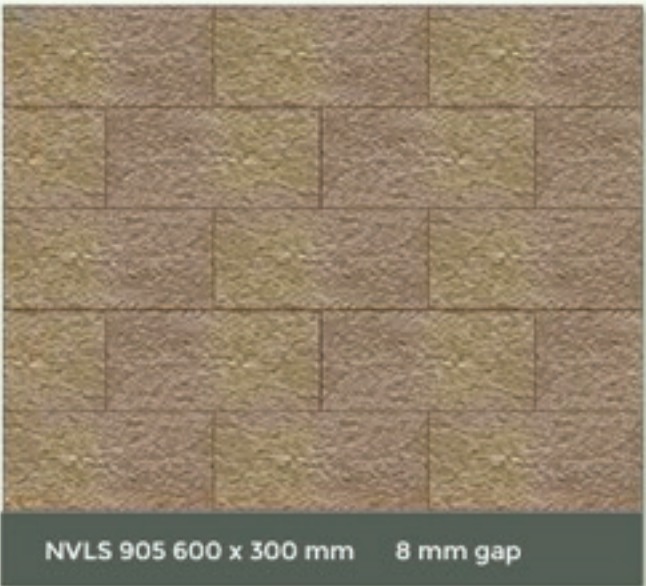
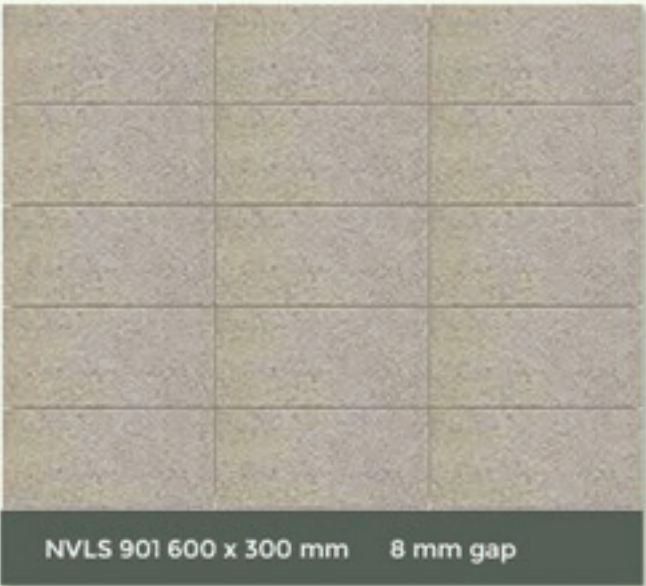
Product Description

Because of its high flexibility and lightweight, NV Granite can be used for unique physical properties and beautiful patterns make granite to be a good material for buildings, known as "the King of Rocks". Its color can be maintained for more than 25 years. Because of its flexible and lightweight, be used for high-rise, interior/exterior wall, as well as the first choice for open-air facade

Packing Information

Product Size (mm)	Box Size (mm)	pc/Box	Kg/Box	m ² /Box	Box/pallet	m ² /pallet	MOQ (m ²)
1200x600	1230x620x65	16	60~65	11.52	10	115.2	230.4
600x300	620x320x90	24	25~30	4.32	40	172.8	172.8

NV LUXURY STONE



Green Flexi Clay

NAVA BRICK

NAVA Brick has the same unique texture as kiln-fired brick, however, flexible and thin.

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NAVA BRICK

C-SERIES MODERN BRICK



Packing Information

Product Size (mm)	Box Size (mm)	pc/Box	Kg/Box	m ² /Box
240x60	460x260x130	400	23~26	5.76

Application Tips

Facing brick looks like natural brick. Commonly used in new buildings and renovation. Apply to a variety of commercial places, public places, entertain places and wall.

NAVA BRICK

G-SERIES ANTIQUE BRICK



R-SERIES FACING BRICK



K-SERIES FACING BRICK



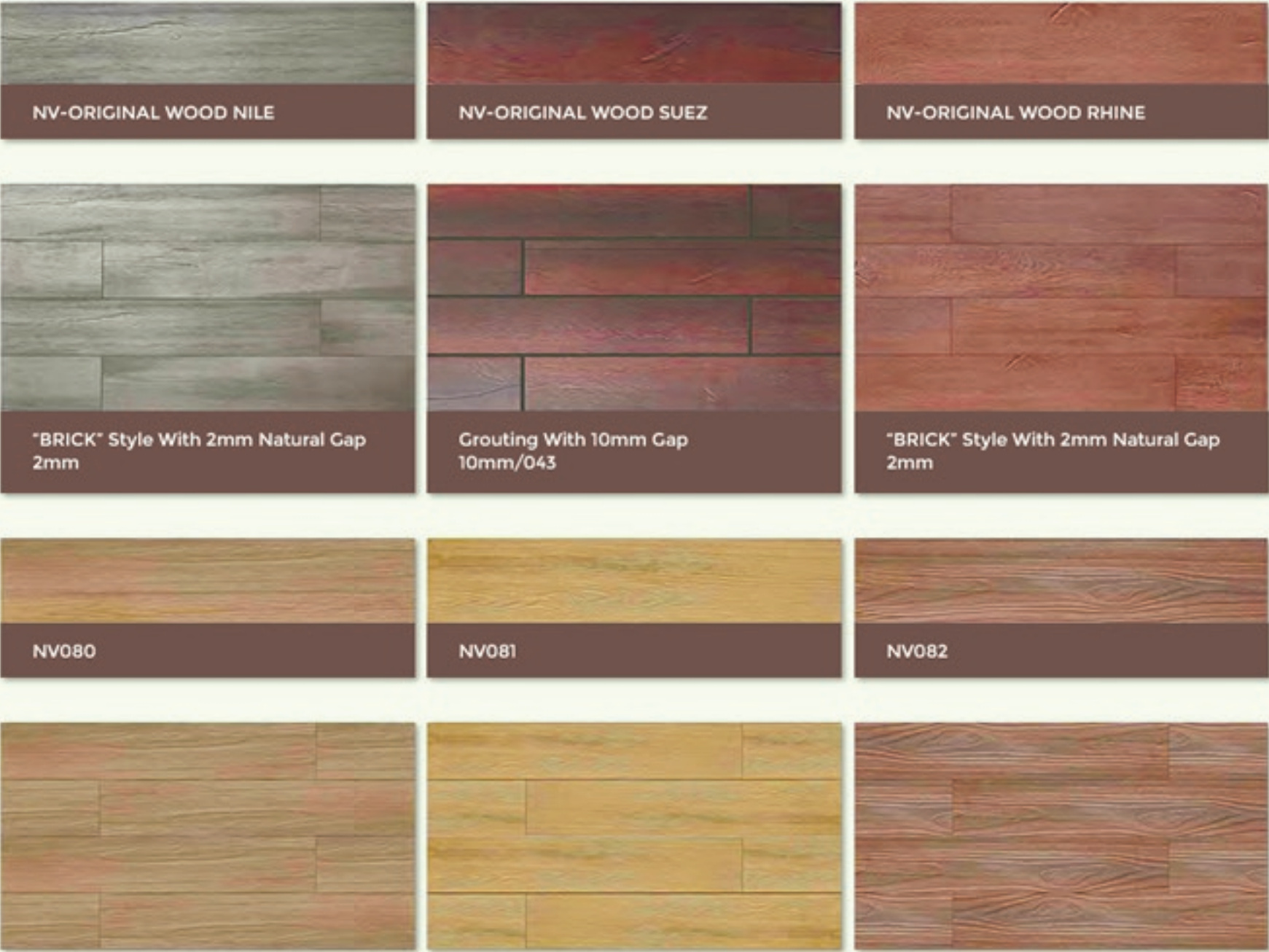
Packing Information

Product Size (mm)	Box Size (mm)	pc/Box	Kg/Box	m ² /Box
240x60	460x260x130	400	23~26	5.76

Application Tips

Facing brick looks like natural brick. Commonly used in new buildings and renovation. Apply to a variety of commercial places, public places, entertain places and wall.

NV WOOD



Product Description

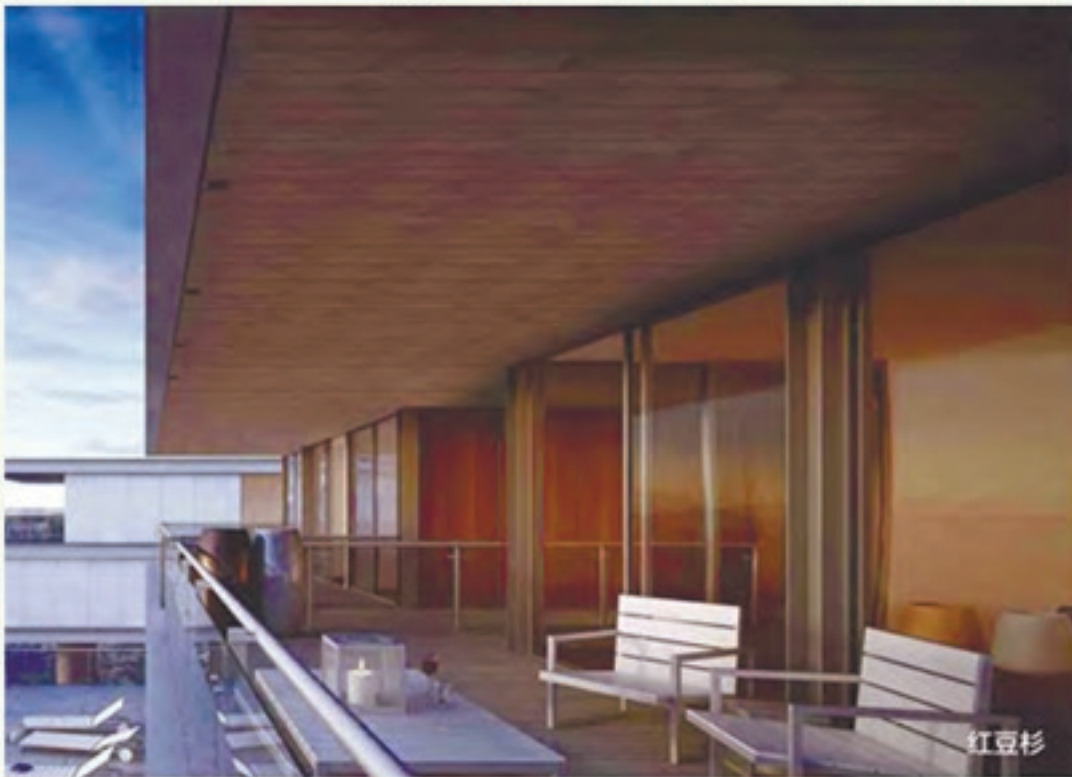
NV Wood is a product with light weight, bendable, water proof and fire proof. It applies to wet zone, such as, bathroom, and floors near swimming pool. It also applies to large area for exterior and interior application.

Application Tips

To paste adhesive on the backside of the product. Suggest to leave 1-2mm natural gap with 'Brick' style for installation. If the gap > 6mm, it is suggest to do the grouting.

Packing Information

Product Size (mm)	Box Size (mm)	pc/ Box	Kg/ Box	m ² / Box	Box/ pallet	m ² / pallet	MOQ (m ²)
970x190	1000x570x80	55	30~33	10.14	10	101.4	202.8



NAVA
FLEXI WALL TILES

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HUBUNGI :  QHOMEMART

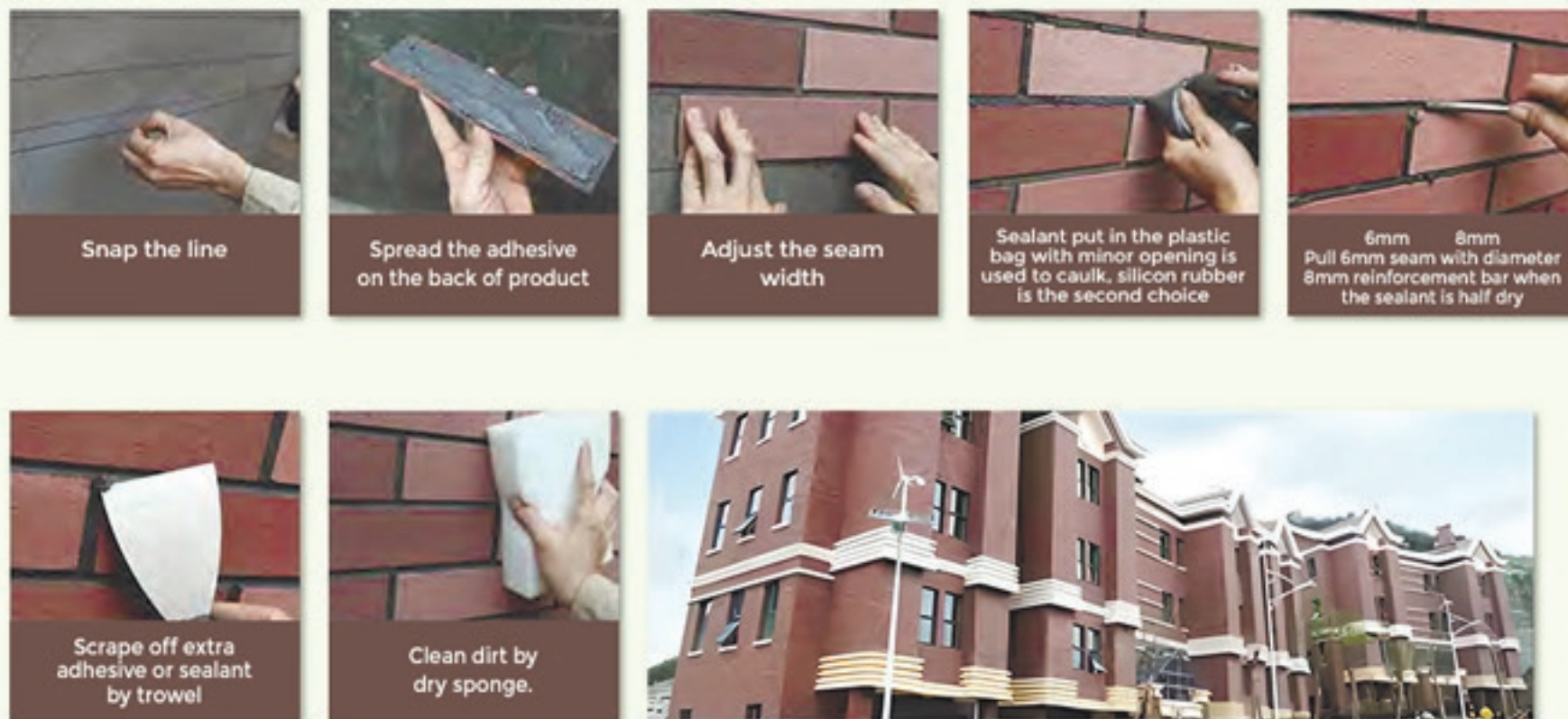
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Advantages of Nava Flexi Wall Vs Traditional Decorative Materials

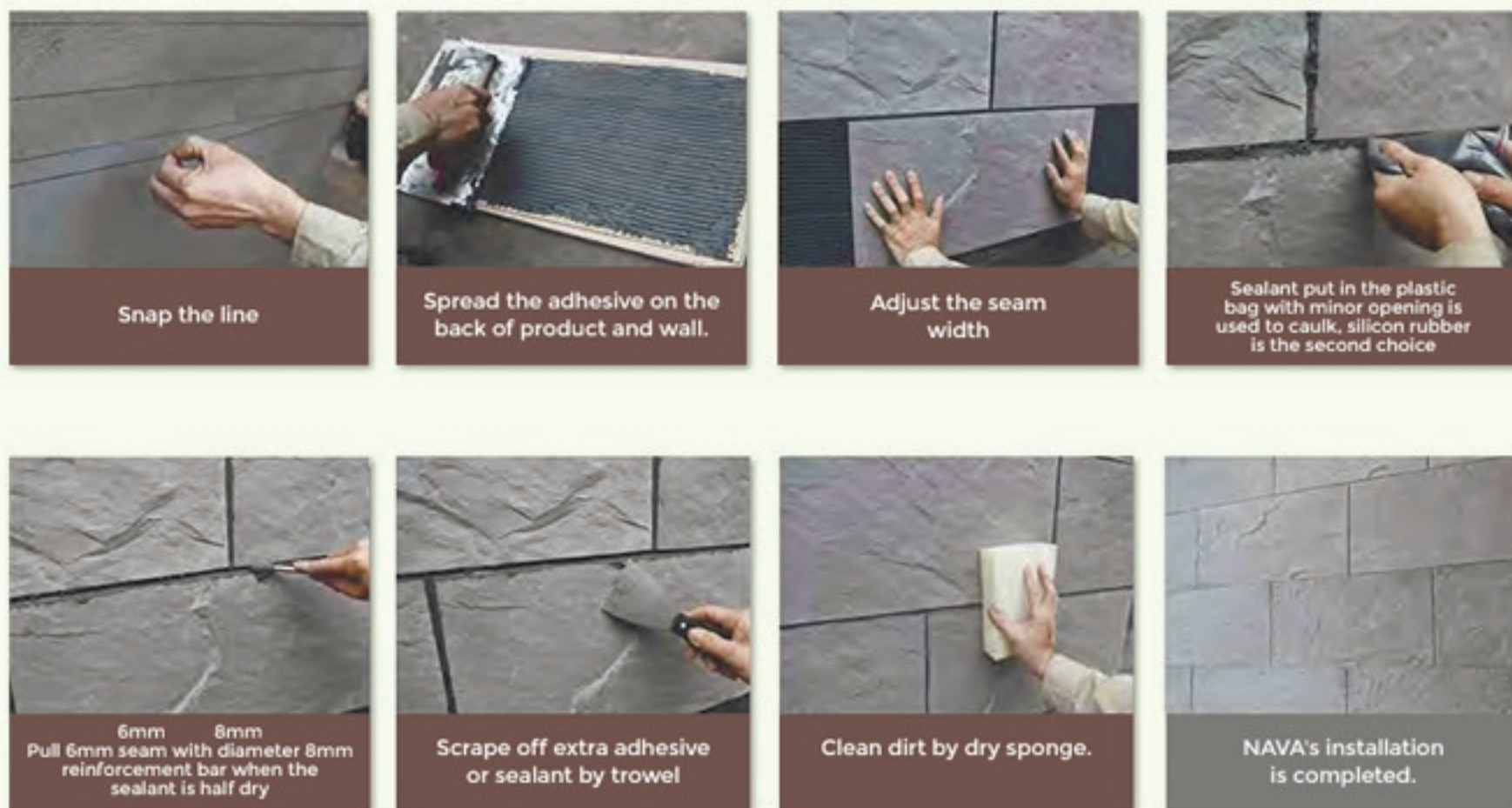
Advantages	Stone	Exterior Wall Brick	Coatings	Aluminium Composite Panel	Nava Flexi Wall
Environmental protection	Non-environmental Deforestation	Non-environmental Discharge lot of carbon dioxide and waste during production	Non-environmental Discharge pollutions with formal dehydeduring production	Non-environmental Discharge pollutions	Very environmental, zero pollution, natural raw material, no waste discharge & recyclable
Transportation	Heavy, high transportation cost	Heavy, high transportation cost	Requiring special protection, high transportation cost	High transportation cost	Low transportation cost, lightweight, energy-saving & cost saving
Safety	Unsafe	Unsafe, risk of falling off	Safe	Unsafe	High safety, lightweight, thin, firmly installed, no risk of falling off for high-rise building
Durability	Durable	Durable	Poor, easy to fade	Normal	Durable, freeze-thaw resistance, anti-aging, Remain the same in a century
Fireproof	Fireproof	Fireproof	--	No fireproof	Level A fireproof
Convenience	Uneasy construction	Uneasy construction	Easy construction	Uneasy construction	Easy construction
Appearance	Only stone product	Limited performance	Lack of performance	Lack of performance	Rich of performance, imitation of stone, wood, leather, metal
Light Pollution	Little	Yes	No	High	No light pollution, natural texture

CONSTRUCTION OF DEMONSTRATION

PK CONSTRUCTION METHOD of BRICK



CONSTRUCTION METHOD of FLEXI STONE



Important Notice

Customer should understand and accept the following:

1. Products Quality on Appearance

I) Our manufacturing process has been designed to imitate the random beauty and nature of real stone. As such, stone surfaces may contain small air holes or surface anomalies. These differences add to the overall character of the stone and should not be considered to be a manufacturing defect. Every piece MS product inherently lacks uniformity and is subject to variation in aesthetics, color, finish, thickness, density etc.

II) It is normal if products contain some residual fringe mesh which does not affect installation.

III) It is normal if product size has small variation on diagonal (less than 2 mm).

IV) It is normal that there is some color variation occur on products within the same production batch or across different production batches. These variations add to the overall character of the stone.

Customer should be aware and communicate clearly to its customers/retailers/consumers in advance on the above before soliciting orders.

2. Production Cycle

Customer acknowledges that the Nava Products are adhered to strict production control and follow schedule therefore the time to production to finish goods is approximately 45 business days to be ready for shipment to Indonesia.

3. Products Inspection

Customer should conduct inspection before delivery of products. Customer agrees that Nava Products comply with customer's requirement once the products are shipped out of our factory. However, customer remains right to raise an objection within 15 days after the products arrive at destination port.

4. Products Delivery

Customer has to take the delivery within 15 days after receiving the delivery notification. Otherwise storage fees will be charged to customer according to the daily 0.5% of total amount. Exceed 30 days without balance paid and delivery from customer, the products will be confiscated by us without returning on deposits.

5. Storage Conditions

Customer should keep the storage environment odorless, dry, clean, and with good air circulation, and handle with care during transportation, storage, and sales stock on the showroom or warehouse with proper caution.



HUBUNGI

Authorised Dealer :



JL.RAYA JANTI NO.96 YOGYAKARTA
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