MERINO INDUSTRIES LTD.
70, KLJ Complex, 2nd Floor,
Moti Nagar, New Delhi-110015, India
P: +91 11 45557000
E: merinodelhi@merinoindia.com

STOVEN/EXP/IH/1-V3/March-2023

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STOVEN

ART OF NATURAL STONE



BEND STONE TO YOUR WILL

NATURAL, FLEXIBLE, VERSATILE

Concept

Merino Group brings the warmth and the luxurious charm of natural stone with its new offering — Stoven Stone Veneers. Made from real natural stone, the engineering process of combining the strength of fiberglass and thin layers of beautiful natural stone creates hundreds of new possibilities where natural stone can be enjoyed. Stoven is an innovative, eco-friendly, lightweight, flexible product that retains all the natural beauty of the Stone.

Stoven is available in 16 rich veneers. As each of the veneers are made of actual stone, the color and texture of surfaces expectedly vary, but these lovely variations only serve to add a natural beauty and appeal to the product and the projects they're used for. Due to its durability and weather resistance this product can be used on surfaces both indoors and outdoors. Produced with a fiberglass backing and phenolic backing that allows for a surprising flexibility, stability in easy to maintain. Each veneer is also ultra lightweight which enables it to be applied to surfaces where real stone could not be used.

Stoven can be used for limitless applications. Some other most popular uses are: Bathroom Walls, Showers, Kitchen Backsplashes, Decorative Stone Walls, Wainscoting, Outside Facade Surfacing, Fountains, Wall Stone Mosaics, etc.



9014 Sand Stone



9004 Brick Dust



9008 Fox Slate



9016 Sparkled Granite



9002 Balsam Green Slate



9007 Earth Crust



9003 Blanco Slate



9010 Lake Stone



9013 Puebla Marble



9001 Aqua Base



9005 Cuban Sand



9006 Dark Spruce



9012 Mantle Crust



9011 Magma



9015 Smoked Pearl



9009 Knight Stone



9018 Ice Marble

CATEGORY TRANSLUCENT

Translucent Stoven Stone Veneers are also available. It is an innovative products that enhances the ambient

Translucent Stoven sheets allow light passing through when illuminated from the back. In the absense of light, they have the natural stone look.

With a wide range of colors and textures, translucent Stoven Stone Veneers create a unique and natural design.

Uses: Translucent Stoven Stone Veneers provide an exceptional finish on columns, panels, windows, floors, and furniture

CATEGORY FABRIC BACK



The micro thin sheets are made of real stone veneer that, when applied on any surface provide an attractive, natural appearance.

The sheets are available in multiple patterns. Since the are made of real stone, the color and texture of the surface of each sheet may vary, but these wonderful variations between sheets add natural beauty and good taste to every project where they are installed.

Since Stoven Stone Veneers are weather resistant and durable, this product can be used both indoors and outdoors.

Their fiberglass backing gives them a great flexibility, which in turn allow the sheets to be applied on irregular surfaces where stone slabs can not be used.

The ultra thin sheets can be used on furniture, ligthing, masonry, carpentry, and more.

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INSTALLATION GUIDE

Stoven can be used on concrete, ceramic, wood, metal, plywood, fiberglass, tile, cement board, drywall, painted surfaces, MDF, Doors, cabinets and other substrates.

FLEXIBILITY

Stoven can be used in the same way as any laminate product. It can be bent to a minimum radius depending on the type of stone without breaking.
Testing is recommended on sample according to type of stone The slates may be cyrved in convex or concave direction to follow the shape of the surface. firmness and flexibility are given by the fiberglass reinforced back lining.

INSTALLATION

Stoven installation os easy; standard woof and stone working tools are suitable for MERINO STOVEN installation. (I.e Drilling, Milling, Cutting, Bending, Pressing etc.)

PREPARATION

The preparation of the area to be covered with STOVEN slates is the same as for natural stone slabs or tiles. Prior to the application, the surfaces to be covered must be cleaned or brushed to remove traces or grease and dust. Depending on the adhesive used, it may be necessary to scrape the back of the Stoven
Stone slates with a blade to expose the fiberglass.

PATTERN DESIGN

Spending time on designing the pattern will be worth. Preliminary arrangement and orientation of the individual Stoven slates allows creating patterns, textures and colors before the final placement.
Numbering the slates before cutting will save time and avoid installation mistakes.

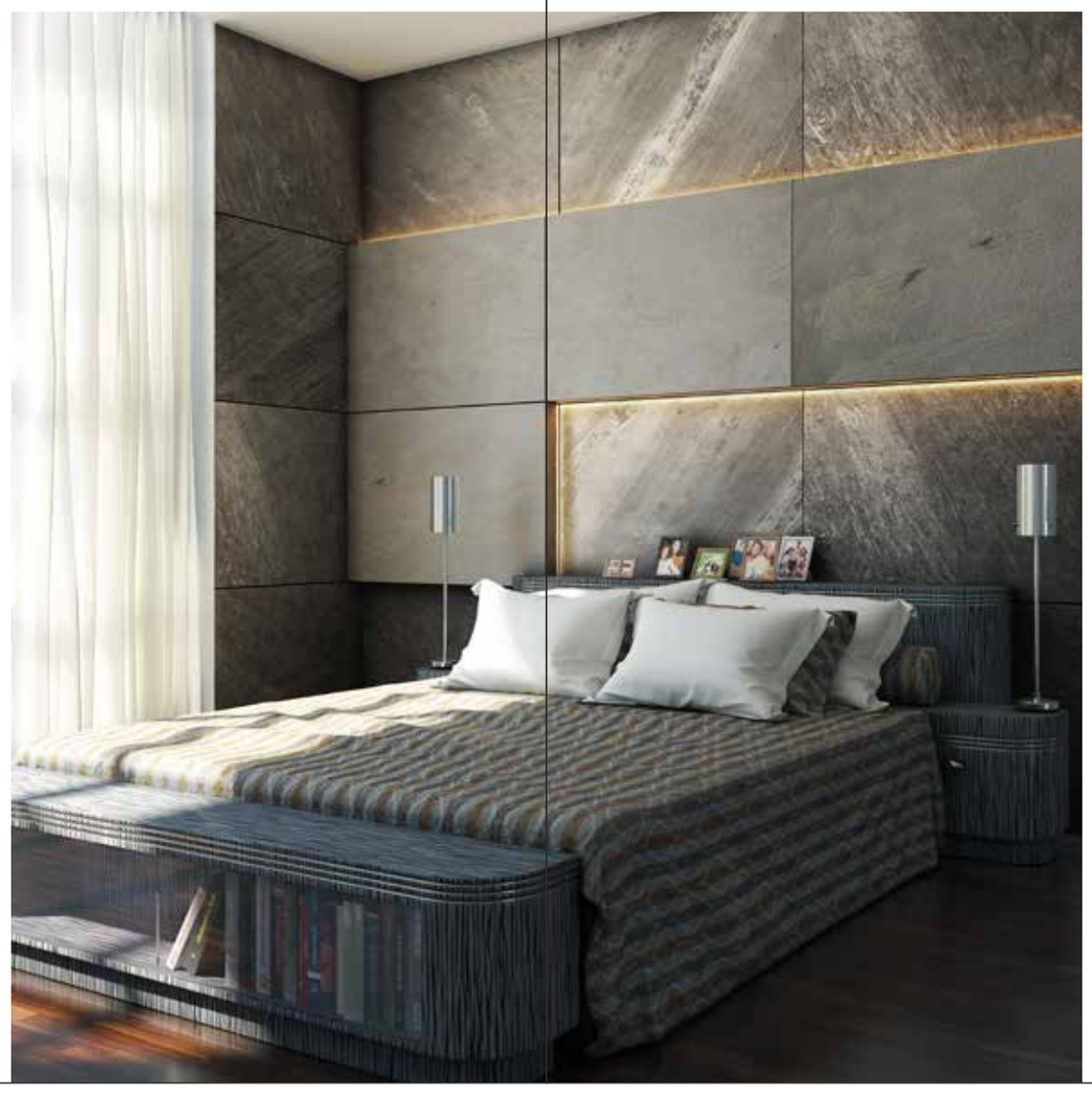
INSTALLATION AND JOINT FILLING

Stoven slate can be used to create a tiling effect by leaving joints between slates.
Due to the thin nature of Stoven slates, a narrow gaps may give better results. Tests have shown that use of water based epoxy grouting performs well for filling joints. Epoxy groutings are also available in multiple colors to match Stoven slates.

SEALING

Stoven may be sealed with the same sealant used for stone slabs and wood veneers. There are numerous products in the market with different application recommendations. Please test the sealants according to the desired penetration and brightness.





PRE SEALING

Presealing the Stoven slates before installation, facilitates removing the excess adhesive after bonding.

SAFETY AND PRECAUTIONS

Precautions should be taken when working with Stoven slate. ALWAYS wear the right kind of gloves, goggles and dust masks for protection while the fiberglass backing slates are cut.
When cutting, sanding or grinding equipment is used, exhaust ducts should be properly filtered. Avoid breating silica (quartz composite) and/or fiberglass dust; prolonged exposure to this dust might cause lung cancer or long-term injuries.
Work outdoor, in well ventilated areas or use mechanical ventilation. Industry professionals recommend a NIOSH / MSHA approved respirators for this of material.

CARE & MAINTENANCE

STOVEN is a porous material as any natural slate would be. The slate may absorb the oils found on your hands and fingers. Follow the cleaning instructions to remove any smudges. Any impurities splashed or spilled on the STOVEN should be removed as soon as possible.

In doing so warm water and a lightly moistened lint free cloth often suffices. If the impurity or strain is not easily removed, we recommend washing the surface with a soft lint free cloth moistened with a mild dish washing liquid and warm water solution. If you do use any additional cleaners, test them on an inconspicuous area first to make sure they will not adversely harm or stain the surface of the STOVEN.

If the STOVEN is being used in any wet areas such as kitchen backsplashes, near a food preparation area or sink ,it does need to be sealed. Bacteria and everyday stains and dirt can accumulate in the slate's pores making it difficult to clean. The natural minerals present in your water can also accumulate in the stone's pores .This is most noticeable in bathroom application and shower/bath areas.

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ADHESIVES

Make sure the recomended adhesives are used; This will save you money and time.

All adhesives must be tested prior to installation, taking into consideration enviromental moisture and temperature. For outdoors application, take into account dilatation due to temperature changes.

Note: Stoven Slates and associated substrates may expand and contract



S.no	Design Number	Design Name	Type	Fiber Standard Backing (FSB)		Fiber Translucent Backing (FTB)		Cotton Fiber Backing (CFB)	
				1220x610mm	2440x1220mm	1220x610mm	2440x1220mm	1220x610mm	2440x1220mm
1	9001	Aqua Base	Quartzite	Yes	Yes	Yes	Yes	Yes	NA
2	9002	Balsam Green Slate	Slate	Yes	Yes	Yes	Yes	Yes	NA
3	9003	Blanco Slate	Slate	Yes	Yes	Yes	Yes	Yes	NA
4	9004	Brick Dust	Slate	Yes	NA	Yes	NA	NA	NA
5	9005	Cuban Sand	Slate	Yes	Yes	Yes	Yes	Yes	Yes
6	9006	Dark Spruce	Slate	Yes	Yes	Yes	Yes	Yes	Yes
7	9007	Earth Crust	Slate	Yes	Yes	Yes	Yes	Yes	Yes
8	9008	Fox Slate	Quartzite	Yes	Yes	Yes	Yes	Yes	NA
9	9009	Knight Stone	Quartzite	Yes	Yes	NA	NA	NA	NA
10	9010	Lake Stone	Quartzite	Yes	Yes	Yes	Yes	Yes	NA
11	9011	Magma	Quartzite	Yes	Yes	Yes	Yes	NA	NA
12	9012	Mantle Crust	Slate	Yes	Yes	Yes	Yes	Yes	Yes
13	9013	Preubla Marbles	Slate	Yes	Yes	Yes	Yes	Yes	Yes
14	9014	Sandstone	Quartzite	Yes	Yes	Yes	Yes	Yes	NA
15	9015	Smoked Pearl	Slate	Yes	Yes	Yes	Yes	Yes	Yes
16	9016	Sparkled Granite	Quartzite	Yes	Yes	Yes	Yes	Yes	Yes
17	9018	Ice Marble	Quartzite	Yes	Yes	Yes	Yes	NA	NA

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Limited warranty

Merino Industries Ltd. warrant that, under normal use and services, the material and workmanship of their products shall confirm to the standards set forth on the applicable technical data sheet for a period of twelve (12) months from the data of sale to the first consumer purchaser. Dealers and distributors are provided with the technical data sheets, which contain specific standards of performance for the products. In the event that a Merino Industries Ltd. product does not perform as warranted, the first purchaser's sole remedy shall be limited to repair or replacement of all or any part of the product, which is defective, at the manufacture's sole discretion. This warranty is not transferable, and expires upon resale or transfer by first consumer purchaser. This warranty shall not apply to defects or damage arising from any of the following: Accidents, abuse or misuse, exposure to extreme temperature, improper storage or handling, improper fabrication or installation, improper maintenance. No other warranties, expressed or implied are made. Under no circumstances shall the manufacturer be liable for any loss or damage arising from the purchase, use or inability to use this product or for any special,. indirect, incidental or consequential damages. No fabricator, installer, dealer, agent or employee of Merino Industries Ltd. has the authority to modify the obligation or limitation of the warranty.

Disclaimer :

Prices vary with respect to type, finish, thickness, size and color. Please consult with our Authorized Distributors/Dealers or Merino representatives for product pricing. Advance notice of intended discontinued items will be made known to our regular customers. Our company shall not be held liable for any consequences resulting from disruption of supply.High Pressure Laminates are meant for indoor use unless they are of specified exterior grade. Avoid using Interior grade products on areas exposed to direct sunlight or light reflective areas. Images shown are for representative purpose only. Actual products may vary.

Sample, Not for Sale