



Flintstones®

Live In Luxury

NATURAL  
STONE  
VENEERS

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**Wall Cladding | Surface Coatings | Stone Flooring | Murals**

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# ABOUT US

Flintstones offers an unparalleled selection of exclusive natural stones that metamorphose your home into luxury living. The distinctive style, craftsmanship and superior quality brings about inspiration and radiate beauty beyond all comprehension. Our emphasis on design and innovation makes the stones elegant in nature. Our products appeal to those who want designer high quality materials that will change a blank wall into a modern masterpiece.



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# WHAT IS STONE VENEER **Flintstones™**

Natural stone veneer is a flexible real stone back with flexible fiberglass layer. Stone veneer is easily apply to various surfaces indoor and outdoor applications. It is a great product replacing large real stone finish with a superb light weight material. It looks and feels like real stone and does not require standard heavy weight masonry tools, methods and labor.

## FLEXIBILITY

Stone veneer backing is made of composite fiberglass resin making it extremely flexible and strong. It can also be used as laminated and can be bend on small radius applications both inward and outward. Due to its flexibility and natural stone facing, stone veneer can be used in various architectural, wall coverings, furniture laminates, back splashes, bathrooms and decorative applications.

## BENEFITS

Processing this material also reduces scrap because requiring tons of stone to be quarried, transported, mined, or processed is not necessary. Less fuel is used before and after processing this material because of its light weight. Additionally, in a single crate hundreds of square meters of material can be transported where traditional stone products would require larger trucks and equipment to move and handle the raw slabs.

## INSTALLATION

Installing flexible stone veneers is typically done by cutting the sheet using long nose tin snips and then adhering to a substrate using various adhesives. Because the flexible stone veneer sheets are waterproof they can be used in most wet locations. These materials hold up to most indoor/outdoor environments other than extreme low freezing conditions. Like real stone, these flexible stone veneers can also be sealed using wood or stone sealers to bond and protect the surface while bringing out the colors.

**Cutting** - Stone veneer can be cut with hand tools, electric metal cutting saws, wet or dry abrasive saws, diamond tools, water jet, laser, and CNC machine tools. Corners can be sanded with sanding papers.

**Preparation** - Surfaces must be cleaned, brushed and degreased before application to remove dust or oils.

**Tools** - Standard tools like hand rollers (to remove air between stone veneer and substrate), trowels, grouting, tiling and jointing tools are required for installation. Grout cleanup is done using moist sponge and bucket of water.

## POLYESTER STONE VENEER

Polyester Resin Sheets (Normal Grade) - Stone Veneer sheet are mainly constituted of fiberglass & polyester resin. The regular (R) grade sheet mater is made from normal polyester sheet grade resin.

**(FR)** Resin sheet is made from flame retardant polyester resin. Main constitu of the sheet is resin which in this case is based on Isophthalic resin, manufactured by physical addition of halogenated additives and antimony trioxide to give excellent fire retardant properties with reference to IS 6746. This resin has the added advantage of chemical resistance to several acids and solvents etc. It is recommended for use where fire hazards are one of the main considerations besides the requirement of chemical corrosion resistance.

## TRANSLUCENT STONE VENEER

Stone Veneer sheet are mainly constituted of fiberglass & polyester resin. Sheets made from Ultra Violet resin are Translucent and is made from Ultra Violet resin

## FABRIC STONE VENEER

This material is made with cotton fabric & Ethylene Vinyl acetate copolymer Glue which is white emulsion and is water based. The final product is 100% eco friendly and without any solvent based glue. This is environment friendly and is very flexible as compared to normal polyester resin material. Fabric stone veneer is recommended for interior applications.



## SUBSTRATE

Concrete and masonry substrate must be 28 days old to allow for natural expansion and contraction hydrostatic pressure conditions and vapor transmission can not exceed 3lbs. per 1000 sqft (1.36 kg per 2.9m<sup>2</sup>) per 24 hours using a calcium chloride test (reference ASTM F1869), and retained moisture should be less than 2.5%.

## SIZING

Standard sheet size is 2'x 4' and customize sizes are also available. All sheets are 1mm to 2mm in thickness. Please check out on our website for different shades.

## UV & TEMPERATURE

Stone surface of stone veneer, like most stone elements acts as a UV inhibitor and will resist high sun conditions for years. When adhered to substrate stone veneer will handle thermal contraction and / expansion of most standard construction material. Stone veneer will handle both high temperature and freezing without cracking.

## VARIATIONS

Stone Veneer is made from natural slate stone; hence difference in color, texture, surface variations is bound to come in the finished product just similar to the natural stone. There are 4-5 color & texture variations in each quality of color. There are multiple colors of natural stone out of which this flexible stone veneer is made. Every color has 4-5 variations. While using, similar patterns & variations & colors can be packed & installed together to avoid large variation in look. Color and texture variations are not defects, but are inherent to the product and part of natural beauty of stone slabs from where each individual sheet is extracted.

We provide option to either mix the lots or also opt for single lot of individual stone slab color for our domestic dealers. Kindly check availability of single lot based on customer selection and requirement.

## ADHESIVES

Stone veneer can be installed with different types of adhesives available in market. These adhesives are available from Indian as well as multi national companies and are proven for their quality and properties.

Adhesives Recommended:

- Dual component Epoxy Resins
- Polyurethane anywhere to any where adhesives
- Polyurethane wood (foaming & Non foaming adhesives)
- Epoxy based cement construction grade adhesives
- Silicone adhesive

## LIMITED WARRANTY

**Stone veneer sheets are warranted to be free from defects in materials and workmanship. Any such defects must be reported within 15 days of delivery of products.**

During this period we will replace such sheets that are found to be defective.

This warranty does not apply to damages resulting from transportation and handling damage, negligence, misuse and abuse. Usability, suitability, or fitness for any particular purpose are the sole decision of customer and excluded from warranties. User shall determine the suitability of the product and compliance as per local building norms and guidelines.

## SEALERS

Stone veneer can be sealed with the same sealers used for slate, stone, tiles and wood. There are many sealers on the market with various recommended applications. Please test any sealer for the desired luster and penetration required to prior installation.

## WHY TO BUY STONE VENEER FROM US

100% Natural Stone

We are using high quality chemicals to provide best quality

Easy delivery at competitive price

Utmost Satisfaction of Client's expectation

Huge production capacity



# REGULAR STONE VENEER



Aqua Green-R



Green Sparkle-R



Copper-R



Matte Black-R



Flamingo-R



IndianAutumn-R



Golden Sparkle-R



Silver Sparkle-R

# REGULAR STONE VENEER



Slate Multi-R



Volcano Kotto-R



Star Galaxy-R



Warm Rustic-R



TeraRed-R



Zeera Green-R



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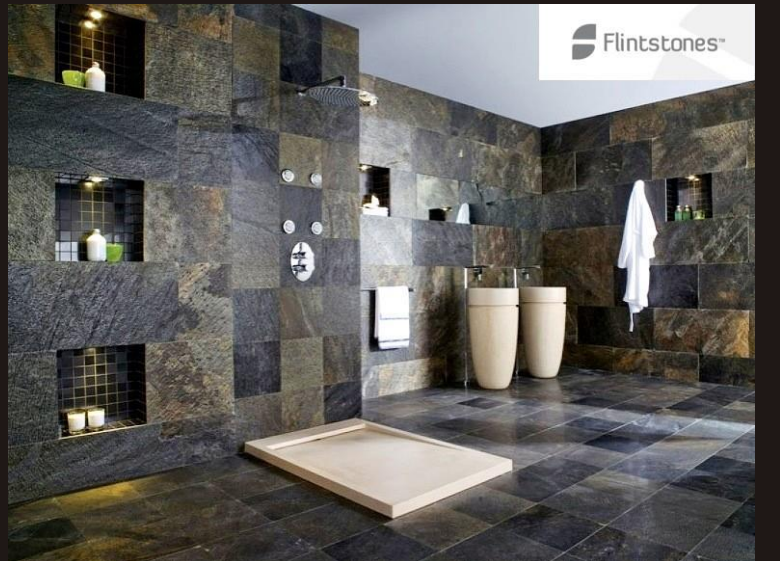
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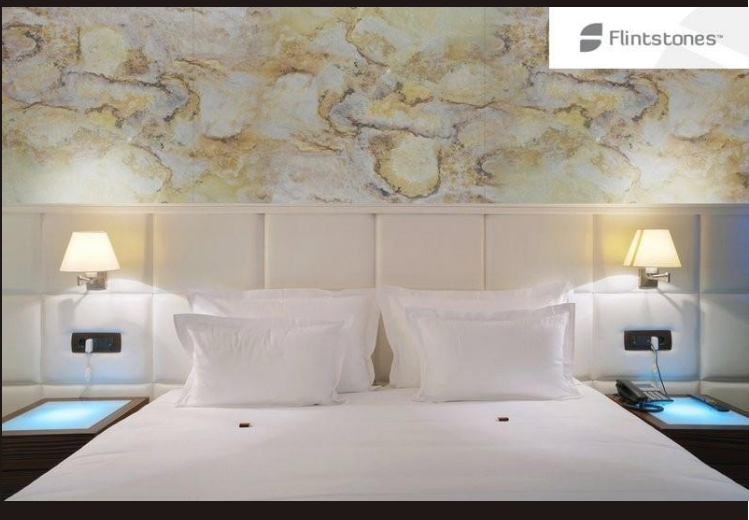


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# TRANSLUCENT STONE VENEER



Aqua Green-TR



Silver Sparkle-TR



Copper-TR



Midnight Black-TR



Earth Brown-TR



Matte Black-TR



Golden Sparkle-TR



IndianAutumn-TR

# TRANSLUCENT STONE VENEER



Slate Multi-TR



Warm Rustic-TR



