



Installation Guide

Cutting: All standard woodworking equipment can be used with carbide tooling. Table Saw; Router; Circular Saw; Laminate Trimmer; Miter Saw; Radial Arm Saw. For using Stone form on both sides, it is recommended to score them because the stone surface on the backside tends to slightly splinter. Follow all equipment manufactures safety rules. It is recommended to condition Stone form with its intended carrier material prior to use.

The actual substrate it is to be applied to is almost unlimited. All wood and lightweight materials are suitable. If the Stone form is only applied on one side of a carrier material, it is important to have a counter balance on the other side for stability unless fix in position. Mechanically mounted panels which have the Stone-form on one side, need a Kraft paper or foil backing of at least 150 g l m² (3.6128 pound/cubic inch). If applied as floor or wall panels, different climate conditions have to be taken into consideration.

It can also be bonded with Polyurethane Reactive Adhesives (PUR). These are also known as "Hot Melt Glue". Polyester back (GRP) can also be adhered by standard tile adhesive or most Polyurethane Adhesive as listed in addition contact cement or Polyurethane Reactive Adhesives (PUR).can also be used. Adhesives such as Liquid nails, Gorilla Glue or similar products... Follow the manufactures instructions

When using a hot or cold hydraulic panel press to bond the Stone form to a substrate it is recommended you use a soft "buffer" sheet (such as a thin rubber sheet) on the veneer compensating for the natural 3-Dimensional surface variances. GRP (Glass fiber Reinforced Polyester resin) this is the standard backing for all Slate and Quartzite products. It is durable and recommended for exterior as well as interior use.





Stone - form T m

Care Handling and Cleaning

1 Care and Handling

Stone form is natural slate/stone product and it is as porous the slate may absorb the oils found on your hands and fingers. Follow the cleaning instructions to remove any smudges, Wearing gloves when handling will minimize the amount of cleaning required.

2 Cleaning and Sealing

Any impurities splashed or spilled 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 stain 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. Test any additional cleaners if used.

If used in any wet areas such as kitchen backsplashes, near sinks, showers/bath areas it does need to be sealed. There are a variety of stone sealers available use manufacturer's recommendations The joints must be tight and professionally sealed so that no moisture can penetrate behind

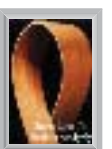
3 Touch Up

Real slate will scratch when dragged across another piece of slate or a hard object. Many times what you see is the residual stone dust from the scratch. Cleaning as stated above Will remove the stone remnants If it is a much deeper scratch wiping a small trace of vegetable oil /linseed oil with your finger tip into the scratch will help prior to a light cleaning as above.

This product does not contain asbestos nor does it release any hazardous chemicals under normal conditions of use. It consists of natural stone and glass fiber fabric in polyester resin matrix and does not pose a physical hazard or health risk to employees.

Stone form is a real slate stone. There are natural inconsistencies, fractures, color and surface variations and imperfections visible on the surfaces. These are quite normal and do not constitute faults or imperfections.

All Stone Form Veneer is cleaned, Inspected, Matched, Individually wrapped Before it leaves our factory



Stone-form™

Guidelines Summary & Tools



CUTTING:

Cutting straight lines and curves is best done using long nosed tin Snips. Veneer can also be cut with a metal shear, wet saw, or table Saw with carbide blade. Drilling holes can be done by normal drills Using normal drilling methods.

TROWELS & HAND ROLLERS: A trowel similar to what is used in Tile Applications can be used. The size will depend on the area of installation...

Place sheets from one end slowly pressing down to the other end, if the ends of the sheet bend upwards, use a heat Gun to soften the sheet and press to the substrate. Use a hand Roller to remove trapped air. It is always best to start from the middle and work outwards.

ADHESIVES:

It is very important to spread the adhesive to cover the Whole sheet by either spreading on the substrate or the Sheet itself or. Knowledge of the special adhesives and the respective Surface for which they are recommended is critical in Obtaining a superior installation.

Stone form is a multi-use product with many installation variables, Substrates, hot or cold press, roller, industrial or manual application... Internal or external, wet or dry location the intended end use, Wall, Furniture, Floors. Check with your local adhesive supply your intended application...

Epoxy: (Interior / Exterior / All Wet Areas) -

Hybrid Polymer Adhesive Sealant: H60 - (Interior / Exterior / Not in water Submerged installations)

Polyurethane Adhesive Sealant: (Interior / Exterior / Not in water Submerged installations)

EUROPE AND WORLD WIDE

<http://kleiberit.com/en/home-page.html>

<http://www.jowat.com/>-<http://www.aecpolymers.com/>

MIDDLE EAST

<http://www.star-uae.com/>

NORTH AMERICA

<http://www.titebond.com/>



Stone form Tm



SEALERS:

It is recommended to pre-seal sheets prior to installation;
This protects the sheets from adhesives or grout during installation.
The same sealers as used for Slate or Stone Tiles can be used for
Sealing. Always test the sealer, make sure it is correct for the

Applications desired protection.

Interior Wall - 2 coats, Exterior Wall/ Bathroom/ Kitchen - minimum 3 coats

Residential Flooring - minimum 3 coats

Commercial Flooring - 2 Component clear Polyurethane Sealer.

Stone form can be used as a decorative cladding for both indoors and outdoors.
When installed correctly and sealed/maintained with the correct sealer for the
Application, like all natural stone will last for years.



SEALANTS and GROUTS

http://miraclesealants.com/outside_distributors.html

<http://www.laticreterak.com/>

<http://miraclesealants.com/>

<http://www.akemi.de/>

<http://www.mapei.com/GB-EN/products.asp>

<http://www.baneclene.com/articles/slate.html>

GROUT JOINTS: Stone veneer can be installed with a grout
Joint similar to a Tile installation or it can be butt joint closely
Together similar to a stone slab installation...



COMPOSITION & VARIATIONS:

Stone form is natural stone veneer, color and texture variances are not defects within the
Material, but are inherent to it and part of the natural beauty of quarried materials.

UV & TEMPERATURE:

The stone surface of Stone form, like most stone elements, acts as a UV inhibitor
And will resist high sun conditions for years. When adhered to a substrate, it will handle
Thermal contraction and or expansion of most standard construction materials.
And will handle both high temperatures and freezing without cracking.

Stone form Tm

Is available fabricated onto certified light ply, panels and substrates...



16 types, slate and quartzite the beauty
of Nature