

Stone-Veneer[®]

Installation Guide



To cut and size Stone-Veneer[®] all standard woodworking equipment can be used with carbide tooling. Table Saw; Router; Circular Saw; Laminate Trimmer; Miter Saw; Radial Arm Saw. For using panels with Stone-Veneer[®] 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.

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

For any substrate you use there are a few standard guidelines to follow:

1. The two products to be adhered together must be clean of dust, debris, grease and oils.
2. Use a suitable adhesive for your substrate.

The Stone-Veneer[®] adhesive requirements vary with the factory backing used on the veneer.

- a. Fleece back can be adhered with contact cement (follow manufactures instructions for all applications). It can also be bonded with Polyurethane Reactive Adhesives (PUR). These are also known as "Hot Melt Glue".
- b. Foam back is suitable for standard tile adhesive or Polyurethane Adhesives such as
 - i. Liquid Nails[™]
 - ii. Gorilla Glue[™]
 - iii. Excel[™]
 - iv. Or any similar products.

Please follow the manufactures instructions for the proper application and usage of their adhesives.

- c. Polyester back (GRP) can also be adhered by standard tile adhesive or any Polyurethane Adhesive as listed above. In addition contact cement or Polyurethane Reactive Adhesives (PUR).can also be used.

When using a hot or cold hydraulic panel press to bond the Stone-Veneer[®] to a substrate it is recommended you use a soft "buffer" sheet (such as a thin rubber sheet) on the Stone-Veneer[®] because of the natural 3-Dimensional surface variances.

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