

WALL CLADDING

INSTRUCTIONAL GUIDE

for

**Walls, Foundations, Backsplashes
and more**



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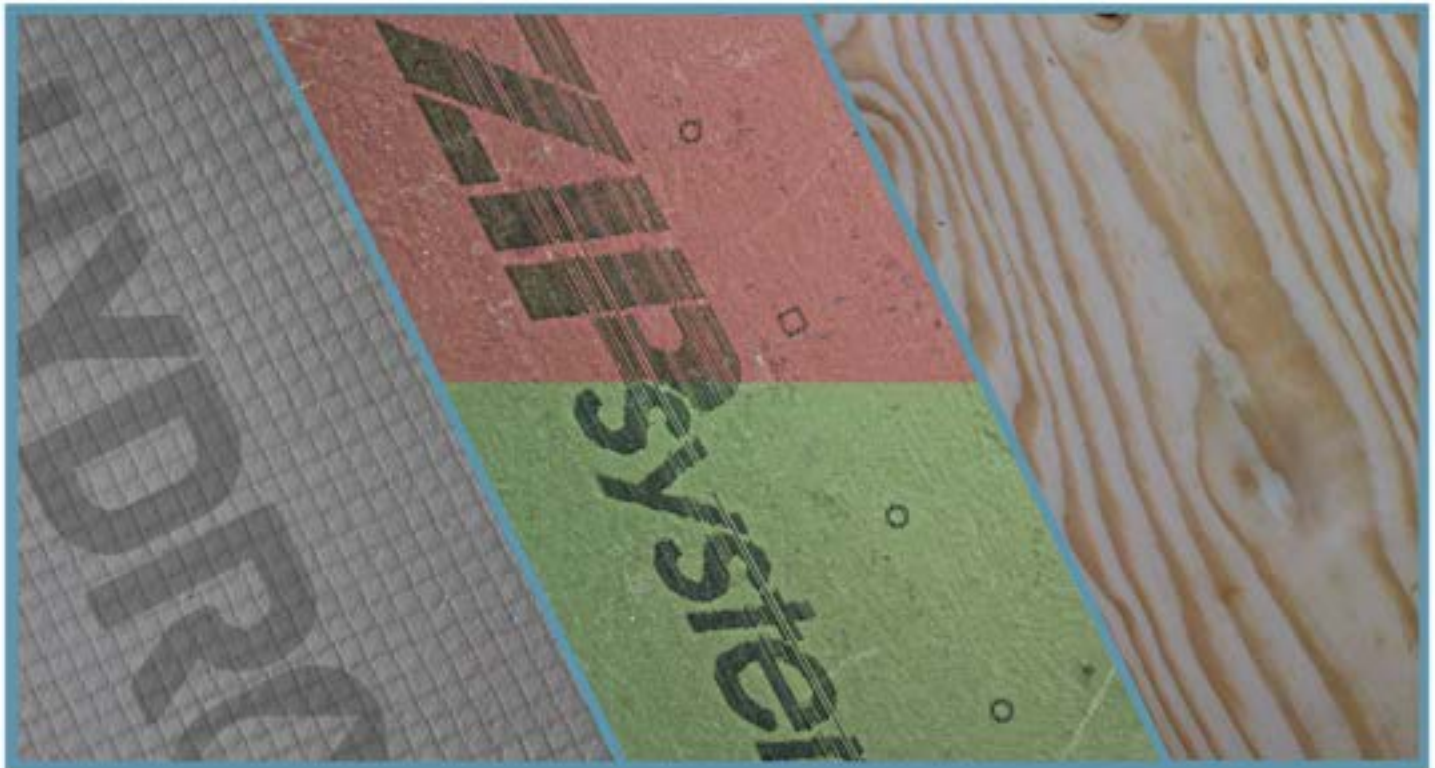
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In This Guide

■	Velcro, Hook Applied Board	1
■	Velcro Information	2
■	Velcro Configuration	3
■	Stone Application Examples	4
■	Stone Install / Removal	5
■	Size and Weight	6
■	Install Example	7-13
	Requirements	
	Prepare the Surface	
	Apply Adhesive	
	Secure the Board	
	Begin Laying Stone	
	Cut End Pieces	
	Finish	

Velcro, Hook Applied Board



HYDROBLOK

ZIPsystem

PLYWOOD

HYDROBLOK

HYDROBLOK board is specifically designed to withstand water prone environments. The board is covered in an industrial grade Velcro hook material that will mate with the loop side of the stone. (3'x5' 1/4", or 4'x8' 1/2")

ZIP System

ZIP system boards are available with the Velcro hook in both the green and red variations giving the ability to choose the desired thickness while still obtaining the level of protection you demand. (4'x8' 7/16", 1/2" or 5/8")

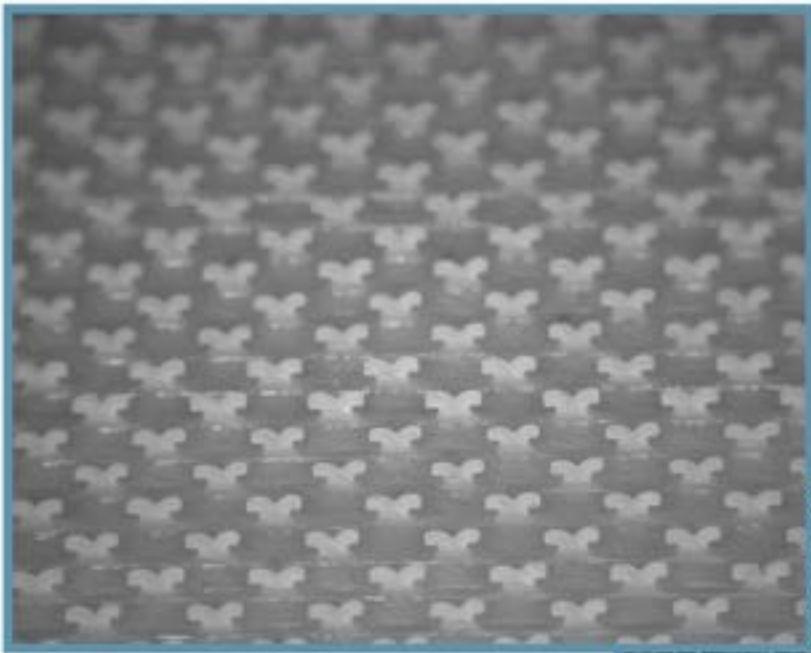
Plywood

Traditional plywood is an excellent choice to use due to its wide range of options giving ultimate flexibility (4'x8' 1/4", 1/2", 5/8" or 3/4")

Velcro Information

Millennium Slate utilizes hook-and-loop fastening to secure the slate onto a board. The slate features a 2-inch-wide black loop on the backside, which corresponds to the hook on the wall board. The board comes pre-applied with hook material laminated to its surface, making it ready to be securely fastened to the wall.

Hook



Plastic hooks to catch loop

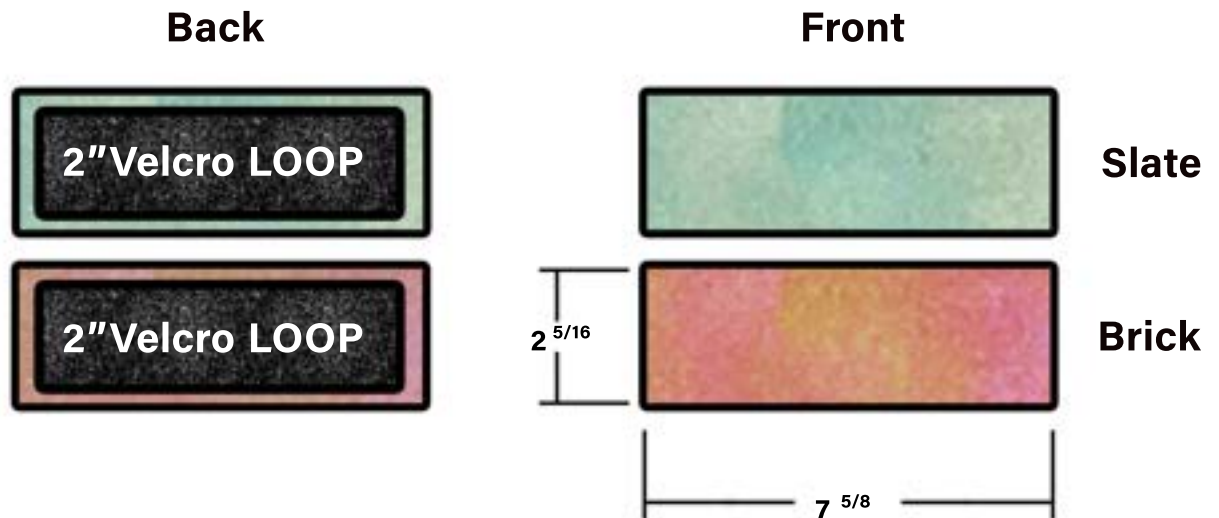
Loop



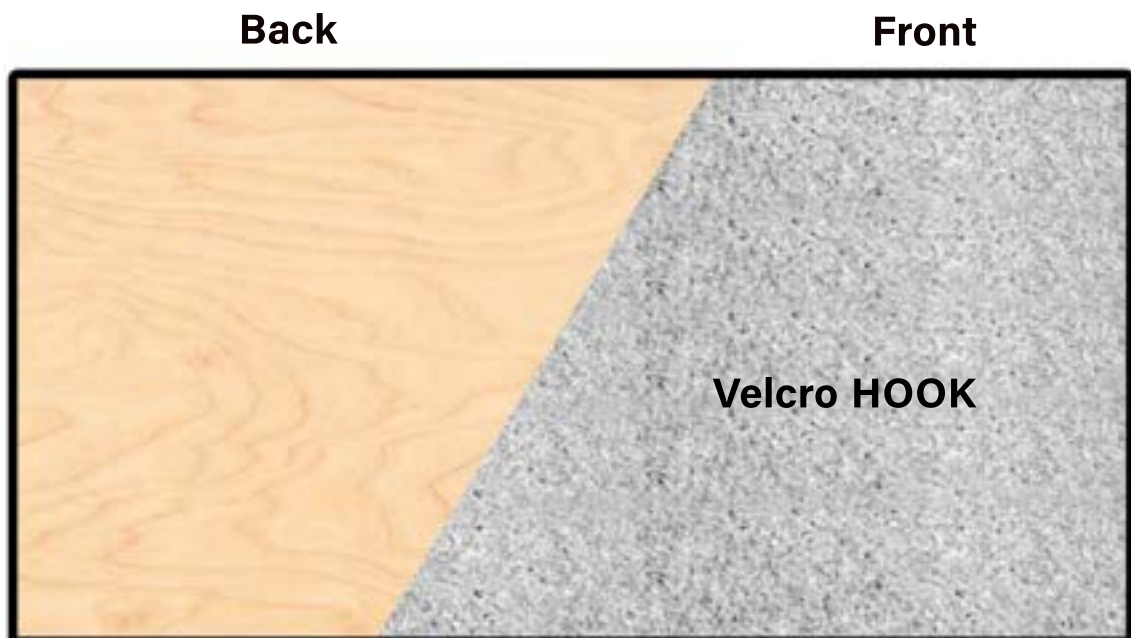
Hairlike loops to tangle in the hook

Velcro Configuration

Stone

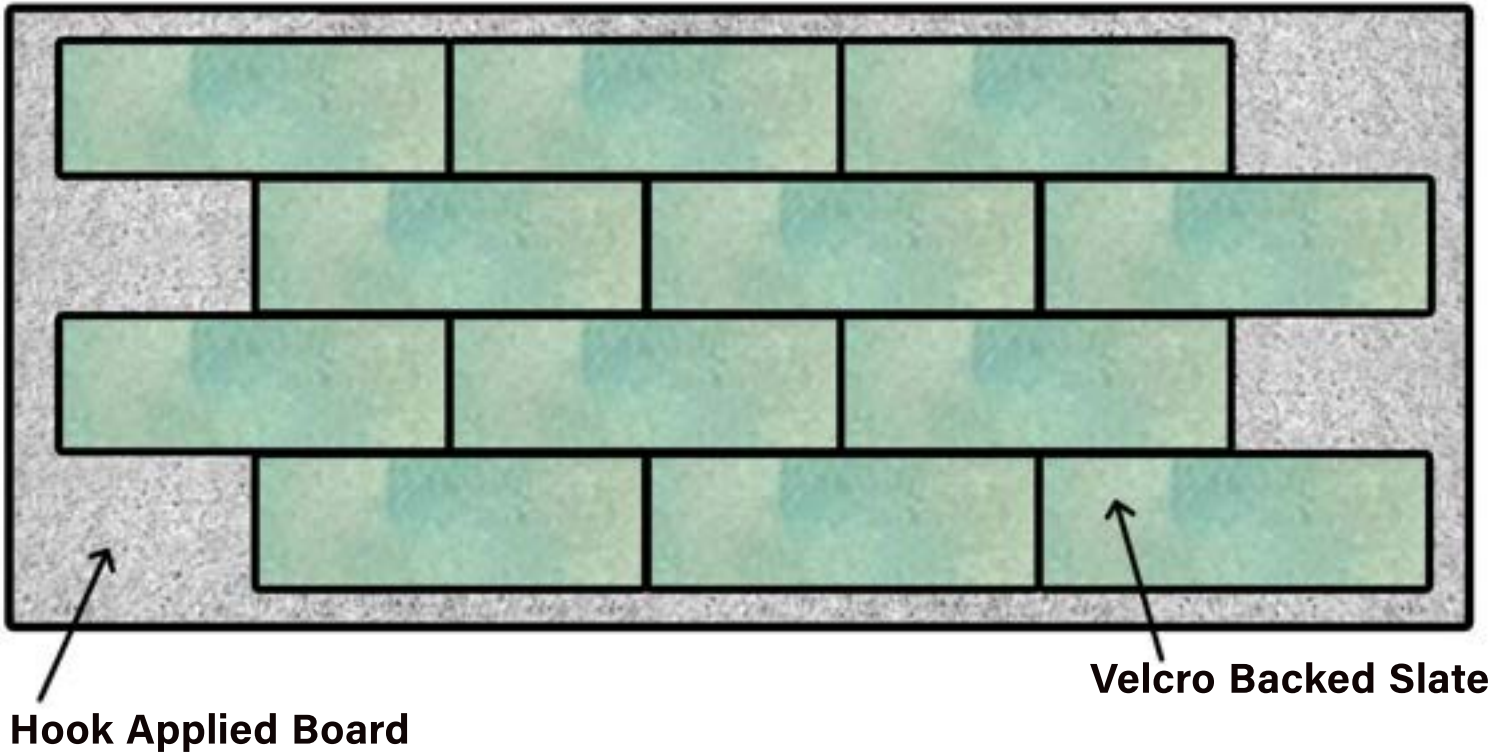


Board

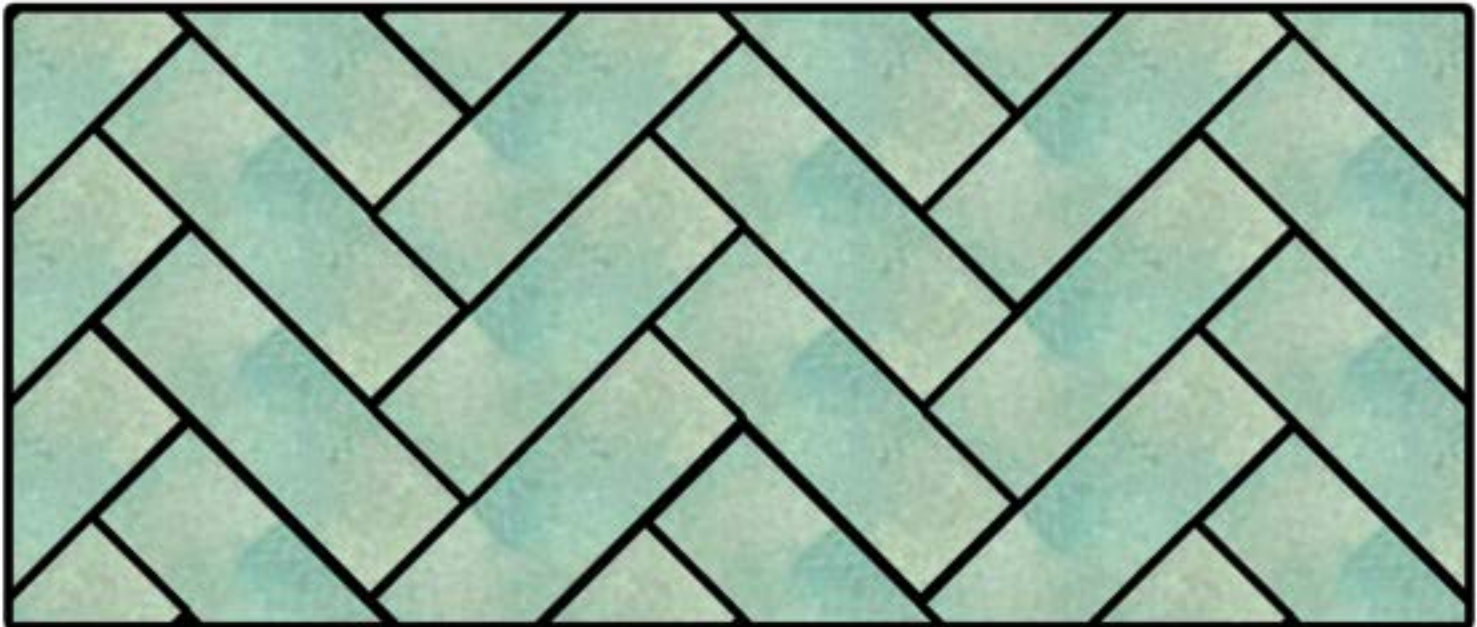


Stone Application Examples

Half Staggered



Herringbone



Stone Install / Removal

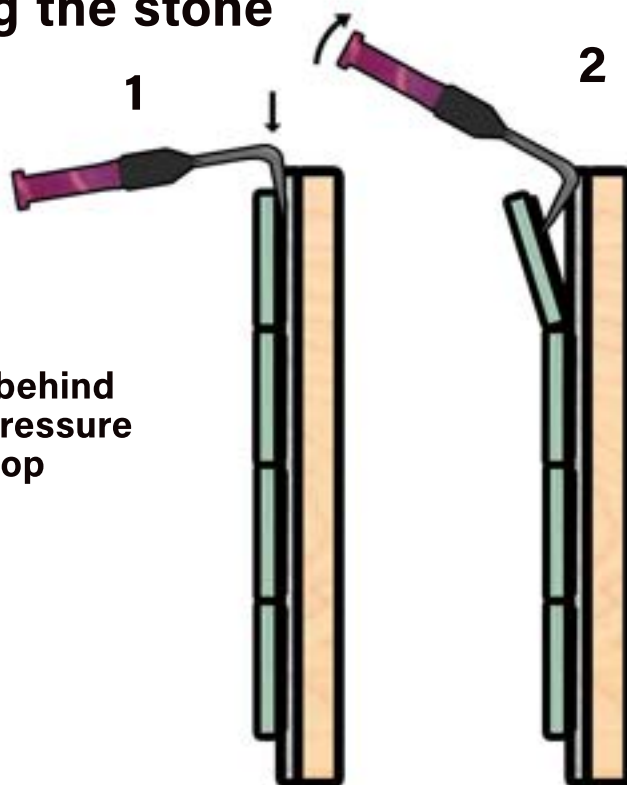
Installing the stone

Rest the stone on the piece below or above it for proper alignment, then press into the board.



Removing the stone

Using a prying tool, insert it behind the slate and carefully apply pressure to disengage the hook and loop bond.



Size and Weight

Side

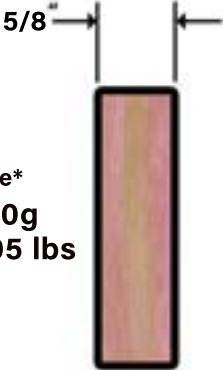
Front



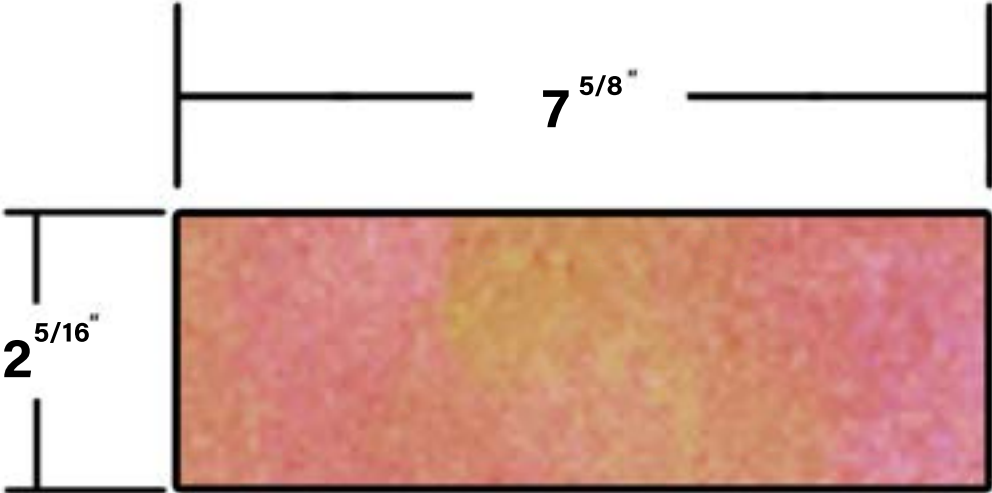
Approximate*
Weight: 195g
Weight: 0.42 lbs



Slate



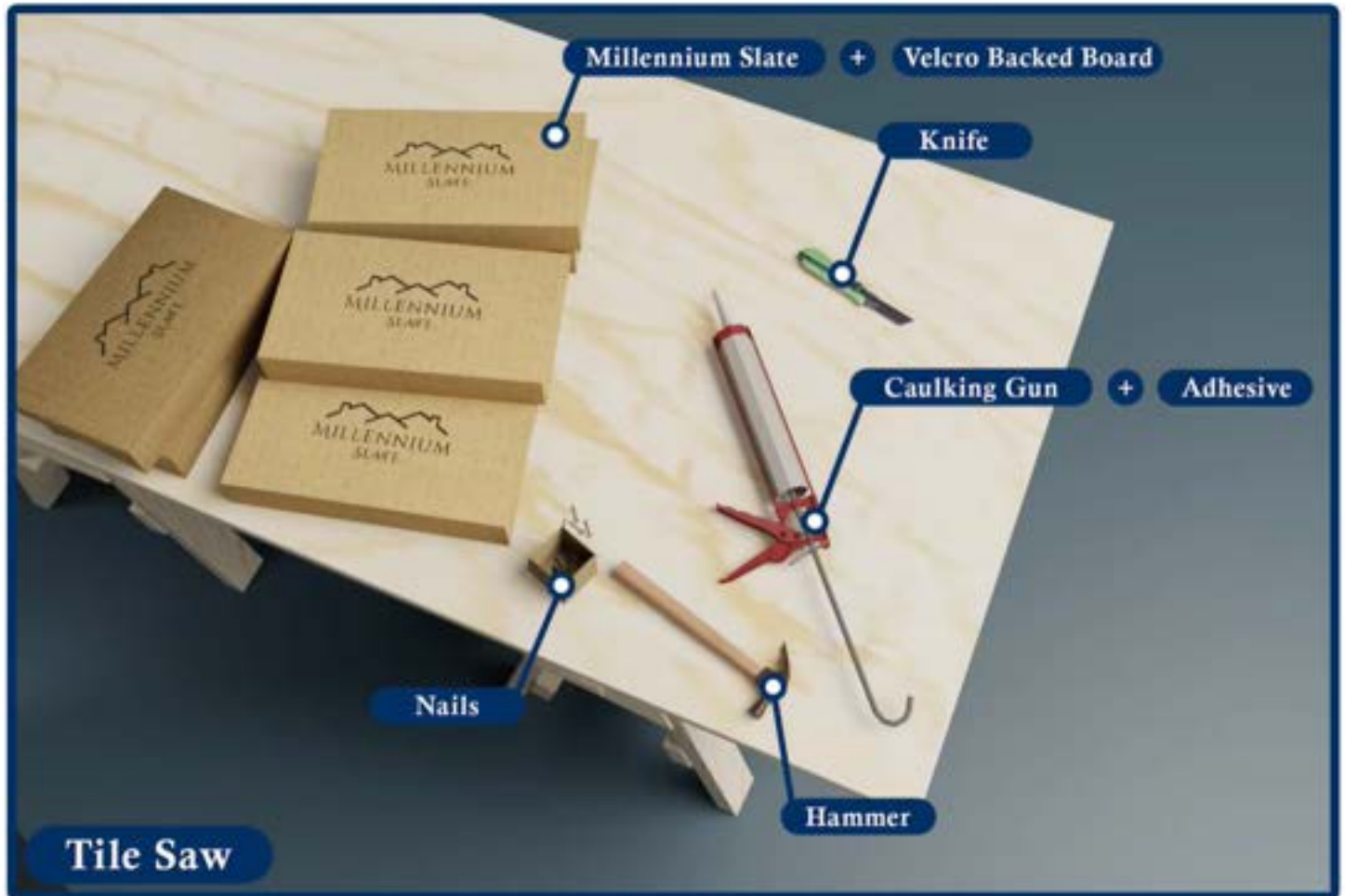
Approximate*
Weight: 480g
Weight: 1.05 lbs



Brick

Back Splash

Step 1 - Requirements



The photo above shows the tools required for the job. Tile saws can be rented from home improvement stores if you do not own one. In this demo we will be using Hydroblok board which can be cut with a knife but if you are using wood you will need a saw.

Step 2 - Prepare the Surface



Before installing anything it is important to have a flat, clean surface for the best results. If it is a foundation, be sure to grind off any bumps that will protrude into the board. If it is a backsplash, be aware that the board as well as the stone will add a thickness that may be undesirable.

Step 3 - Apply Adhesive



Once the surface is ready, construction adhesive can be applied to the area the board will lay. this will contribute to great strength when the stone is hanging from the board.

Step 4 - Secure the Board



The board can now be cut and fit into place. If it is a tricky cut you may want to consider fitting the board before applying the adhesive to eliminate creating a mess with glue. Nails should be in intervals of 16 inches. Large head nails will work better for Hydro Blok due to it's foam base.

Step 5 - Begin Laying Stone



Starting at the bottom



Starting at the top

Now, let's focus on the stone! For a backsplash, we recommend beginning at the bottom since it tends to draw the most attention, and any special cuts may appear undesirable. If this were a foundation, it would be advisable to work from the top down, ensuring a neat alignment with the siding.

Step 6 - Cut End Pieces



End pieces can be completed quickly and efficiently by setting up a stop on the tile saw. This ensures that each row stays aligned, and when executed correctly, the other side will match up correctly.

Step 7 - Finish



Once the wall has been completed, a stone sealer can be applied to seal the material and give a glossy finish.

Information in this guide is intended for informational use only and should not be used in substitution for standards and qualifications.

For more information please visit our website at
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