

# PERFORMANCE SERIES® UPGRADES

Sometimes an exterior door needs additional protection from the demanding elements of Mother Nature. Developed for exterior doors that are subject to harsher environments, Performance Series is a selection of heavy-duty door components that deliver maximum protection for your finely crafted Simpson door. We currently offer two Performance Series options, UltraBlock® and WaterBarrier® technologies. The combination of these two technologies creates a door suited for the toughest exposures. And this protection is delivered without sacrificing the charm and craftsmanship you've come to expect from a Simpson door. After all, a beautiful door is only worth having if you can protect it.

## What is WaterBarrier® Technology?

One-piece Medium Density Overlay (MDO) on the outside for the very toughest exposures – commonly used on concrete forms and street signs

Minimizes the possibility of stile and rail separation

Eliminates checking on the face of the door

Excellent durability and resists moisture absorption

Overlay has thermoset acrylic latex primer topcoat, resulting in superior paint application

Can use water or alkyd-based paints on finish

PVC glazing bead and bar components provide moisture resistance

Choose any species to match interior architecture

Available for dozens of door designs

Five-year limited warranty, no overhang required

## WaterBarrier®



PERFORMANCE SERIES® VIDEOS:  
[SIMPSONDOOR.COM/WATERBARRIER](http://SIMPSONDOOR.COM/WATERBARRIER)

Available for a variety of entry, sash and French doors, WaterBarrier technology combines a Medium Density Overlay (MDO) with PVC glazing bead and bar components to create an exterior that stops water in its tracks. Select your choice of wood species and you've got the best of both worlds: water-protection on the outside and the unmatched beauty of a real wood door on the inside. It's a perfect alternative to an expensive clad door, and exactly the type of innovation you'd expect from Simpson.

## What is Medium Density Overlay?

Typically used for traffic signs and concrete formwork, Medium Density Overlay (MDO) is a layer of resin-treated fiber. This provides an extremely durable and smooth finish that is easy to paint. Additionally, MDO is specifically rated for exterior use, which means it's safe from harsh elements, insects, or other outdoor hazards. It's a perfect choice when needing additional protection for exterior doors in tough environments.



When you see this icon throughout the catalog, it denotes doors that are available with WaterBarrier technology.



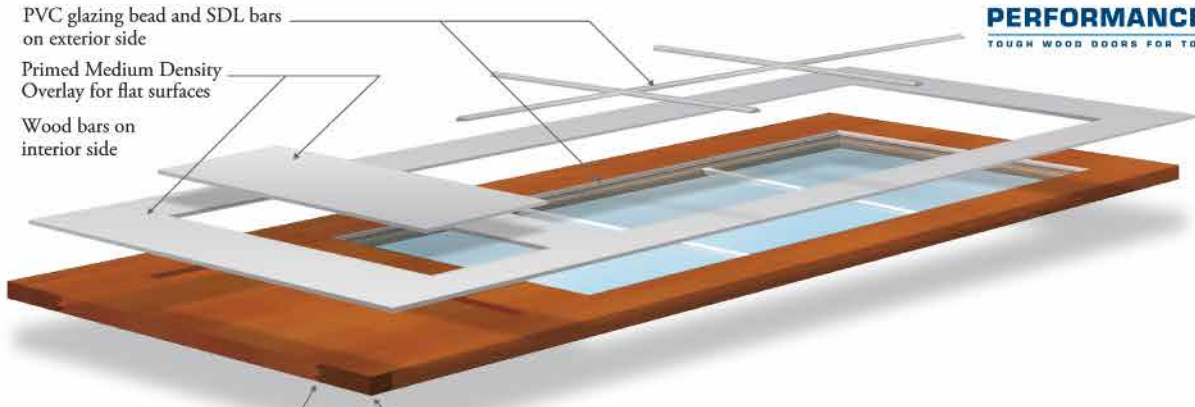


## WaterBarrier® Technology (Patent Pending)

PVC glazing bead and SDL bars  
on exterior side

Primed Medium Density  
Overlay for flat surfaces

Wood bars on  
interior side



### Weather Seal™ Process

Entire stile and rail joints coated and bonded to decrease the possibility of water infiltration

### UltraBlock® Technology

Composite block material finger-jointed into the bottom of the stiles



# UltraBlock®



PERFORMANCE SERIES® VIDEOS:  
[SIMPSONDOOR.COM/ULTRABLOCK](http://SIMPSONDOOR.COM/ULTRABLOCK)

Long a favorite of Simpson's most discriminating customers, UltraBlock technology features a composite block in the bottom of the stiles, where water infiltration can occur. Our exclusive Weather Seal™ process provides additional protection against moisture penetrating the bottom rail. It's our version of the galoshes you splashed around in as a kid.



## What is UltraBlock® Technology?

Composite block material finger-jointed into the bottom of the stiles eliminates water infiltration

Minimizes stile and rail separation

Eliminates bottom rail and lower stile decay

Reduces buckling and swelling of bottom rail and lower stile components

Improves warp resistance

Five-year limited warranty

Available for all 1¾" thick doors

Simpson offers UltraBlock protection as an option on all 1¾" thick doors. So when you see this icon throughout the catalog, it denotes doors that are available with UltraBlock technology.



Simpson Performance Series U.S. Patent No. 6,185,894. This product incorporates the patented FRAMESAVER® technology under license from Endura Products, Inc. of Colfax, NC, and may be covered by one or more of the following U.S. Patent Nos. 5,661,943; 5,873,209; 5,950,391; 6,122,882; 6,425,222; 6,446,410; 7,100,399 and foreign equivalent patents. Simpson WaterBarrier Technology - Patent Pending.



VISIT [SIMPSONDOOR.COM/PERFORMANCE](http://SIMPSONDOOR.COM/PERFORMANCE) TO LEARN MORE

**Simpson®**  
Door Company