



High Performance Door System

by  **TM.COBB**



Performance You Can Count On!



HP High Performance Door System

by **T.M. COBB**

Why do door units fail? Reducing the possibilities and causes of failure have led us to develop the HP System. We have seen, over the years, that to ensure door unit performance it is crucial to know the right application, have door systems built to the correct specifications, have high quality parts, and follow proper assembly and installation procedures. Not taking these steps results in door and frame failures. The reason the HP System™ works so well is that all parts of the system are designed to work together. When utilized properly, all of our components maximize the seal between the door and the frame, reducing air and water infiltration. Using the HP System saves time and money without sacrificing performance, protection, quality, or attractiveness.

T.M. COBB HP System



- A** Continuous Headers
Continuous, one piece headers provide strength to the entire door unit.
- B** Continuous Sills
Continuous, one piece sills insure integrity to the entire door system. Our sills are precision machined to work together with our other components.
- C** One Piece Mulls
One piece mulls feature superior strength, a perfect fit and no additional finishing.
- D** FrameSaver Jamb
Our exclusive FrameSaver Jamb features a 90 day Prime and composite bottom which prevents water-wicking up from the bottom.
- E** High Performance Weatherstrip
Our High Performance System Weatherstrip is truly a better product. It offers the resilience, durability and consistent compression for lasting performance.
- F** Astragals
The New Ultimate Astragals are revolutionizing the industry. Patented technology increases strength and provides exceptional performance.
- G** Inactive Caps
All of our Mull Programs include solutions for inactive panels for Sidelite and Hinged Patio units.
- H** Door Bottoms
Our door bottoms fit every type of door. Our Leading Edge Bulb design provides increased surface contact with the threshold for a superior seal.

HP Z-SILL

HP Door Systems feature the Z-series High Dam Sill. This sill design combined with HP components enables superior performance.



Z-Series: The Problem Solver

The Z-Series Sill features an exclusive patented design and all synthetic construction, providing excellent performance and preventing callbacks.

Adjusting cap with dual seal that overlaps the dam and prevents water infiltration.



Z-Series Features:
Synthetic Threshold Cap
Synthetic Nosing
Composite Substrate

High dam design achieves high resistance to leakage. Narrow threshold cap is locked 1/4" back under the door panel, reducing the chance of water on the threshold cap.

Solution

HP ULTIMATE T-ASTRAGAL



Ordinary astragals have inadequate seals that break down with normal usage. The Ultimate Astragal has a floating three point seal that won't be damaged by simply opening the door because the seal is lifted when traveling over the threshold.

EXCLUSIVELY DESIGNED FOR USE WITH COBB'S MULTI-POINT LOCKING SYSTEM

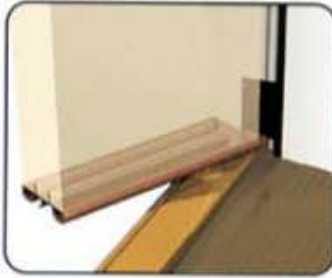
HP FRAMESAVER JAMB AND T-BAR WITH 90 DAY PRIMER APPLIED



THE ROT PROOF SOLUTION FOR YOUR HOME. ALL WITH A LIFETIME WARRANTY.



SWEEP & WEATHERSTRIPPING



HP Weathersealing Components are the very best you can buy. They have been designed, engineered and tested to provide weatherproof seals in door systems. Our simple solution corner pad provides increased protection.

Weatherstrip - Reliable Durability



Problem



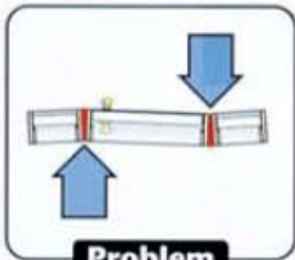
Solution

Over time, normal weatherstrips lose their shape.

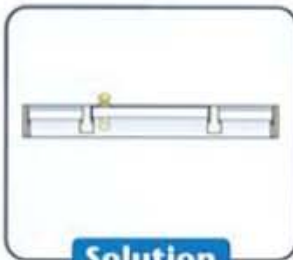
The HP Weatherstrip doesn't wear out, keeping its shape and protecting the interior of the home.



CONTINUOUS CONSTRUCTION



Problem



Solution

Box-construction sidelite door units are inherently weak and can rack, resulting in gaps and leakage. Our continuous sills and non-invasively routed headers cover the entire width of the door with one unbroken structure. This adds strength, preventing racking and alignment problems.



SWEEP

Door Bottoms - Leading Edge Bulb Design



Problem



Solution

"Fin" designs will often leak when under pressure. Leading Edge Bulb Door Bottoms are superior to "fin" designs in that they have more surface contact with the threshold cap.

The Simple Solution™



Problem



Solution

Air pressure increases on the exterior side of door system causing water to flow up the interior column of the weatherstripping. The Simple Solution™ blocks water under these conditions, and the result is improved performance in a door system that will not leak under greater air pressure.



High Performance Door System

by T.M. COBB

- All Units Available with the Following Door Panels:
 - Steel
 - Fiberglass-Smooth
 - Fiberglass-Embossed
 - Wood Door Panels
- The Cobb/Hoppe Exclusive Multi-Point Lock Recommended for Superior Performance
- Components That Work Together. T.M.COBB has Assembled the Most Complete System on the Market. Superior Performance against Water and Air Penetration.
- System Available in Swing-In or Swing-Out Configuration
- It's All About How Door Systems Should Work.





HIGH PERFORMANCE EXCLUSIVE ROT PROOF SOLUTION



FrameSaver Jamb

FEATURES

- Finger Joint Primed Jamb
- Composite Bottom will not Absorb Water Like Wood
- Bottom of Frame will not Rot
- Guaranteed For Life
- 4 1/8" to 7 1/4" Wide Jambs
- Eliminates Call Backs
- Machines, sands and finishes like a standard wood frame
- 90 Day Prime Painted *



*Above samples are shown without priming to illustrate composite bottom piece. Units are shipped with fully primed frames as stated above.



Precision Hardware That Works With The **High Performance Door System**

- Our Exclusive Combination Shootbolt-Tongue Multi-Point System
- Developed and Engineered as Requested By T.M. Cobb
- The Result.....The Best Lock on the Market Today

