

SIMPLE, EFFECTIVE, AESTHETIC

PATENT PENDING

## BACKGROUND

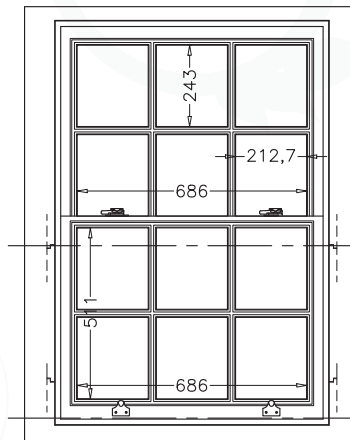
The double hung window dates back to the 17th century, its conception being attributed to the inventor Robert Hooke who worked with Christopher Wren to rebuild London after the Great Fire of 1666.

Meanwhile in the colonies, the upper classes began to embrace the European Architectural concept.

The revolutionary sliding sashed windows were an overwhelming success, and today, their refined profiles and unique opening mechanism typify the all-American style.

Unfortunately increasing insulation requirements have seen double-hung windows fall behind the field and in many cases modern unaesthetic casement or fixed windows have replaced them.

The Beacon Hill double hung window redresses the balance, restoring the reputation of this integral part of the national architecture.



# BEACON HILL

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## THE BASICS

**A classical joinery capable of replacing defunct windows in high quality renovation projects :**

- **Standard window profiles manufactured to measure.**
- **Strict adherence to traditional timber sections and moldings.**
- **A simple, reliable, gadget-free conception.**
- **A smooth running, effortless, sliding action with no metal runners or bearings.**
- **Top quality selected timber.**
- **A scrupulous and regular testing procedure.**



**BEACON HILL**

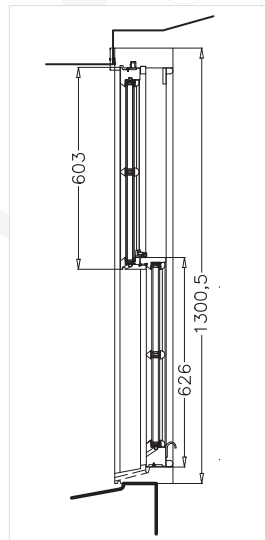
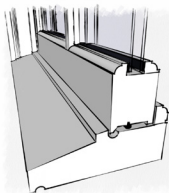
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## HOW IT WORKS

The Beacon Hill uses a unique jamb and casing profile creating a double physical barrier or 'decompression chamber'.

Water is channeled in this zone toward drainage ducts running to the outer sill.



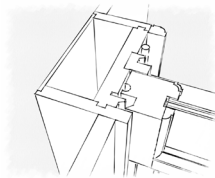
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## CHARACTERISTICS

- The unique profile and seal position create Total Seal Continuity\* (patent pending)
- A simple guiding system drives the sashes into their precise closing position, providing optimal seal compression.
- When operated the sash returns naturally to the free position allowing effortless opening without seal wear.



This system allows the Beacon Hill window to obtain excellent levels of waterproofing, insulation and soundproofing, and also guaranties a smooth running action whilst retaining the aspect of a traditional window.

**BEACON HILL**

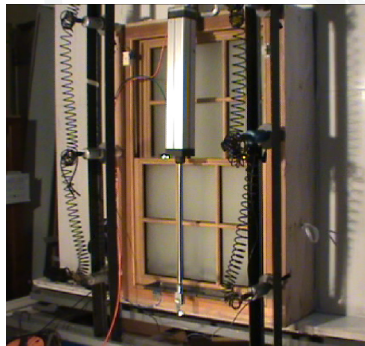
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## PERFORMANCE TESTING AND SCORES

### Unequalled test scores:

- No water leaks at 35 lb/ft<sup>2</sup>
- Air leak 0.08 ft<sup>3</sup>/min/ft<sup>2</sup> at 6.27 lb/ft<sup>2</sup>
- Gust tested to Beaufort level 12
- Bench tested and approved for 30 years and 11,000 cycles.



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## **BESPOKE OPTIONS**

**Our bespoke workshop provides for all types of request, offering solutions to most architectural demand.**

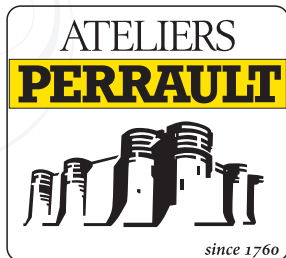
- **custom moldings**
- **restoration glass**
- **arched and/or bowed windows**
- **leaded and stained glass**
- **made-to-measure, forged hardware and fittings**
- **... “If you can think it, we can make it!”**

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## MORE ABOUT BEACON HILL



TRADITION  
INNOVATION  
PERFORMANCE

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