



## Wood Storm Windows with Insulated Glass

Make your historical home more energy-efficient with insulated wood storm windows.

## Save Money and Quick Payback

Storm windows are more cost-effective than traditional replacement windows. They cost considerably less, are easy to install, and can provide comparable energy efficiency to total window replacement. Storm windows also protect your primary sash.

In a 2007 study done by NAHB Research Center, Low-E storm windows showed a marked improvement over clear glass with benefits amounting to an average of 21% heat load reduction and an average payback of 4.5 years.

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## How Does Low-E Work?

Ordinary clear glass allows heat to pass through it. Since heat always flows towards cold, in winter, inside heat flows to the outdoors and in summer, heat from the outside flows through the glass to the cooler interior.

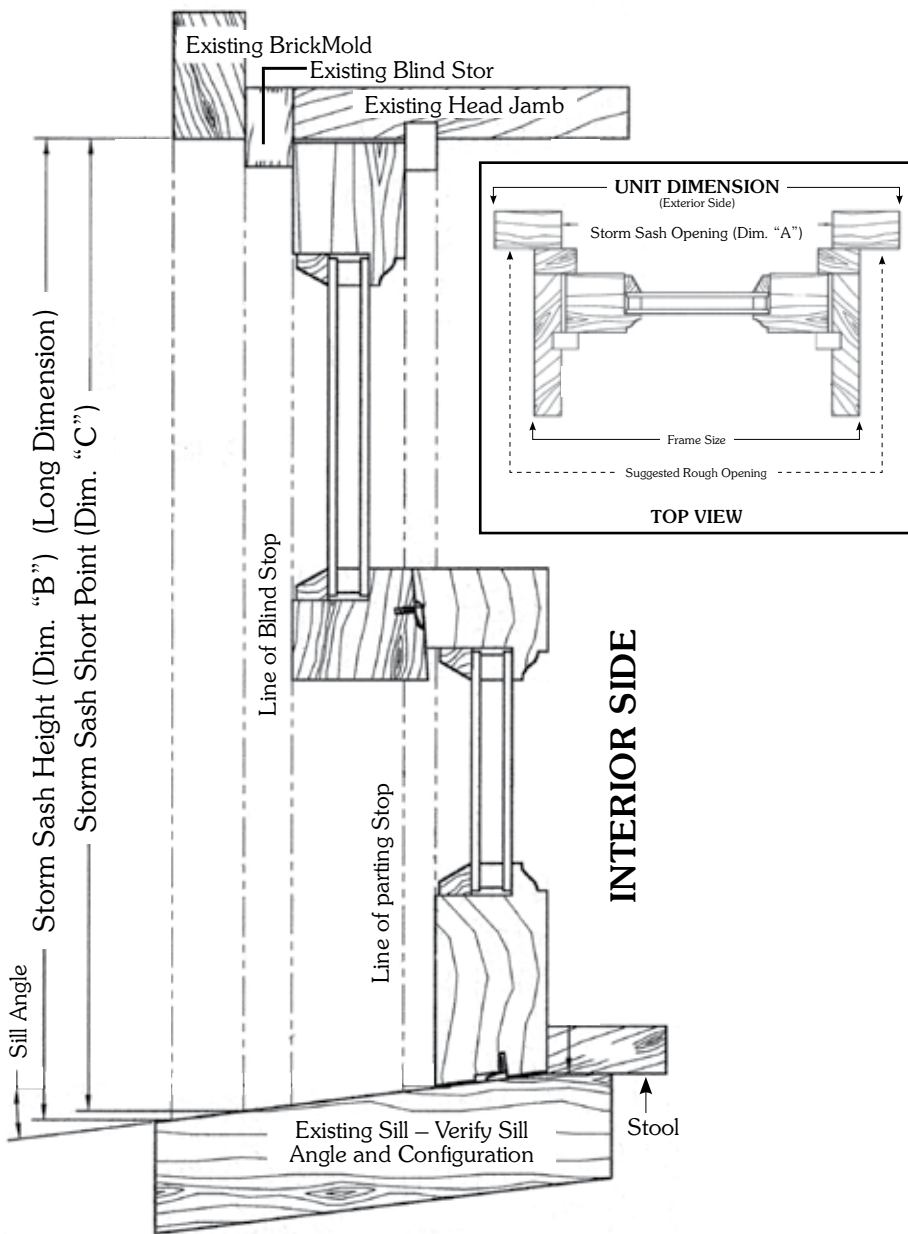
Low-E glass is better than ordinary glass for keeping heat out in the summer and inside in the winter.



## Improve Energy Efficiency

- Cost effective alternative to total window replacement
- Warmer in winter
- Cooler in summer; reduces solar heat gain
- Storm windows seal out drafts
- Significantly reduce air infiltration
- Creates a dead air space that helps block energy transfer





## Easy to Measure

1. To determine storm sash width, measure dimension "A."
2. To determine storm sash opening height, measure dimension "B."
3. To determine storm sash sill angel (bevel) subtract short dimension "C" from dimension "B."

## Standard Specifications

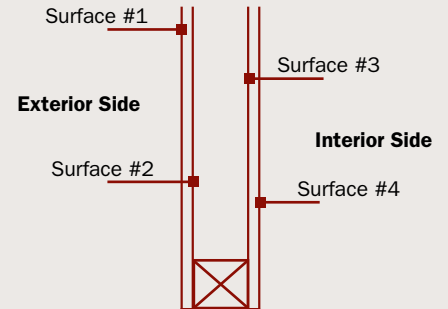
**Glass Specifications:** 1/2" insulated glass

**Exterior Glass:** Surface 1 & 2: 1/8" clear glass

**Gas Cavity Dimension:** 1/4"

**Gas Fill:** Air

**Interior Glass:** Surface 3 & 4: 1/8" clear glass with Low-E coating on Surface 3



**U-Values of insulated Glass:** (these testing results are for glass only and do NOT factor the entire window unit as well as the existing sash.)

Glass Types	Winter Night Time	Summer Day Time
1/8" Single Glaze	1.04	.94
1/2" Clear IG	1.00	.91
1/2" Clear IG with Low-E	.45	.46
1/2" Clear IG with Low-E * Argon	.39	.40

\*Values calculated on Center-of-Glass (BTU/hr/ft<sup>2</sup>/F)

## Storm Window (Standard) Specifications

**Thickness:** 1-1/8"

**Top Rail & Sides:** 2-1/8"

**Center Bar:** 2-1/8"

**Bottom Rail:** 3-1/2"

**Wood:** Preservative Treated Pine

## Options

- Factory priming
- Custom sizes and shapes: curves, half round tops, rounded corners
- Various woods available (Mahogany, Spanish Cedar, etc.)

