

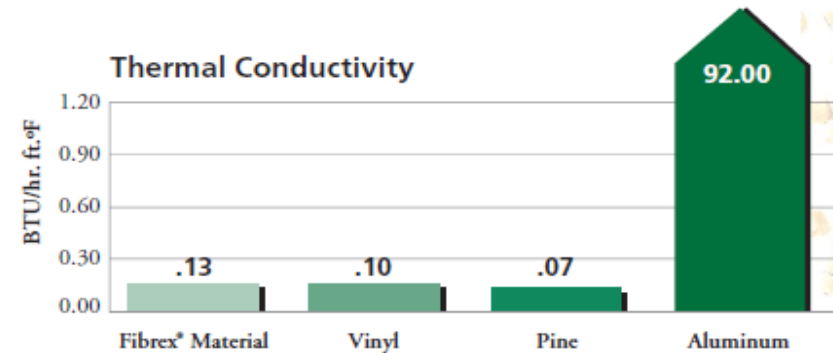


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Renewal by Andersen  
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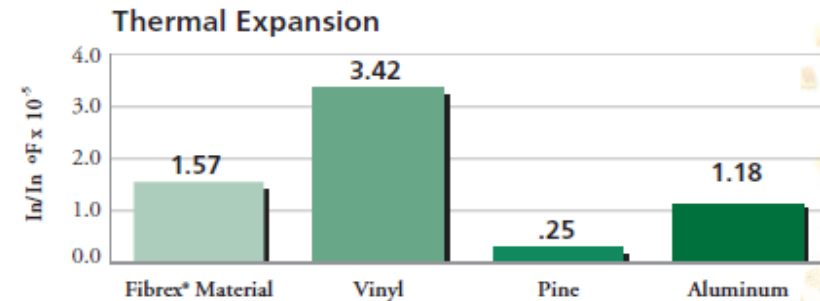
- Homeowner wanted casement windows because she feels they are more secure than gliding windows, however, casement windows will not meet egress in the bedrooms
- The two bedrooms, Master Bedroom and Bedroom 2 have two windows in each room. The left side of the house would have gliding windows to meet egress (units 106 and 108)
- Large triple gliding window on the front of the house would match existing style
- Included in the following pages are comparison of the existing windows (all are aluminum gliders) with compared dimensions to our gliding window and the following page our casement window
- Aluminum gliding windows are not energy efficient, are over 50 years old, and the glass offers no sense of security if broken

## Fibrex® material performance comparison



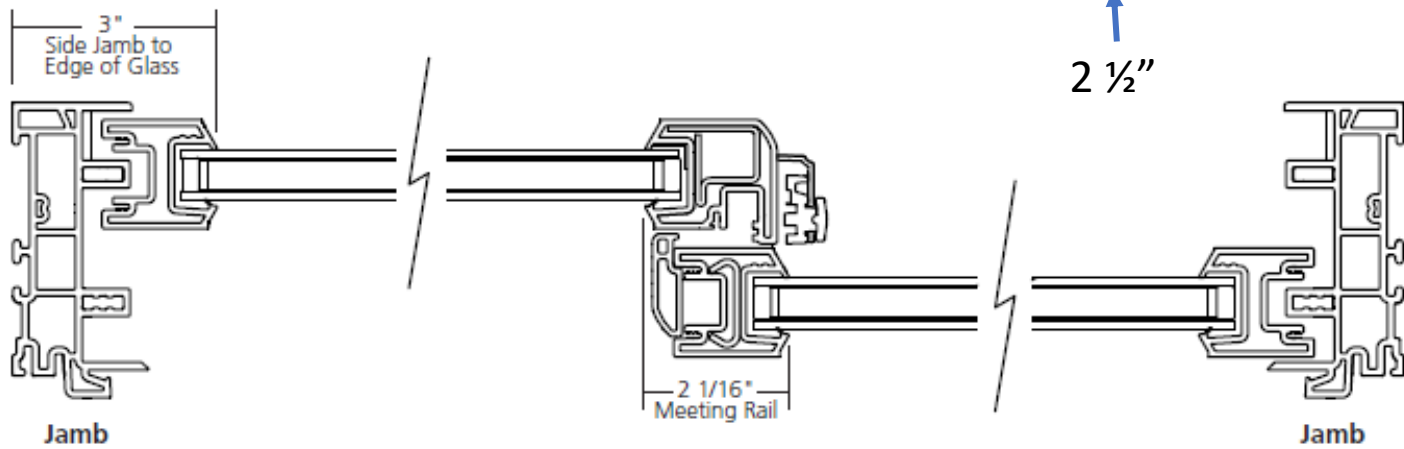
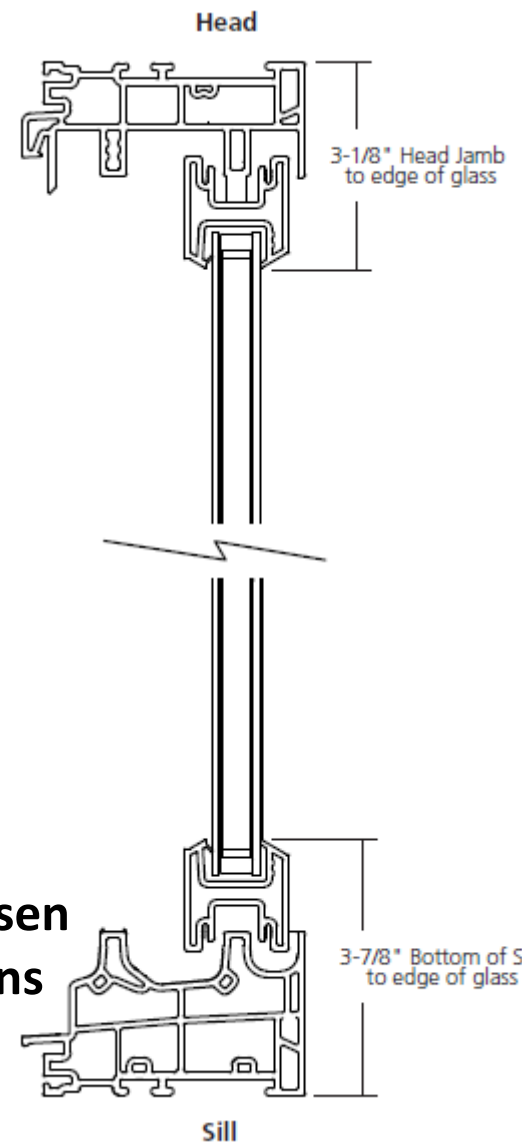
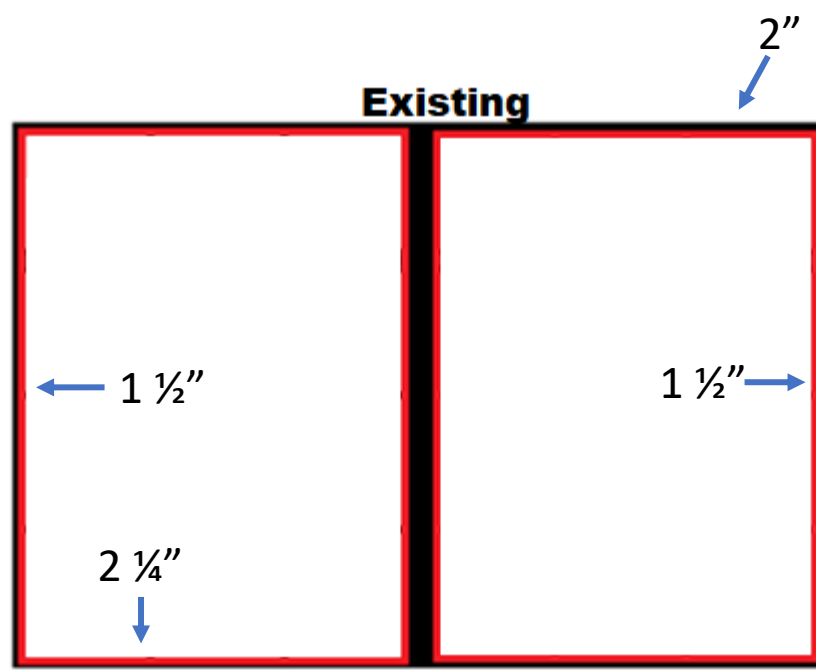
### *An excellent insulator*

Fibrex® material has excellent insulating properties on par with wood, vinyl or fiberglass. Aluminum, on the other hand, transfers heat out of your home and allows outdoor cold temperatures to chill the window areas inside. Fibrex material insulates about 700 times better than aluminum.

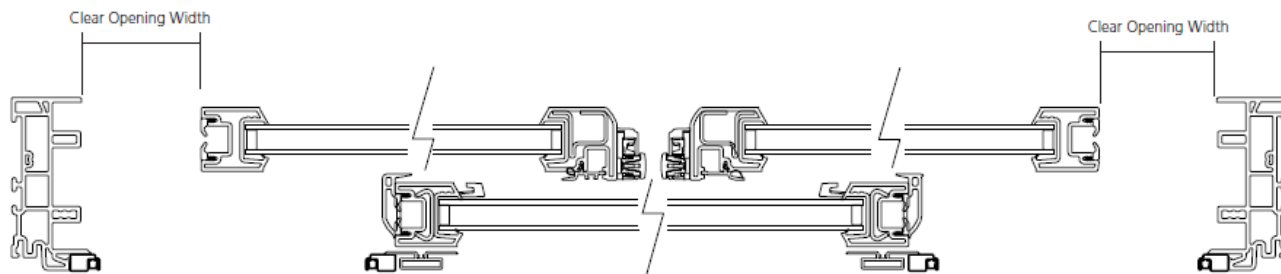


### *Durable and reliable*

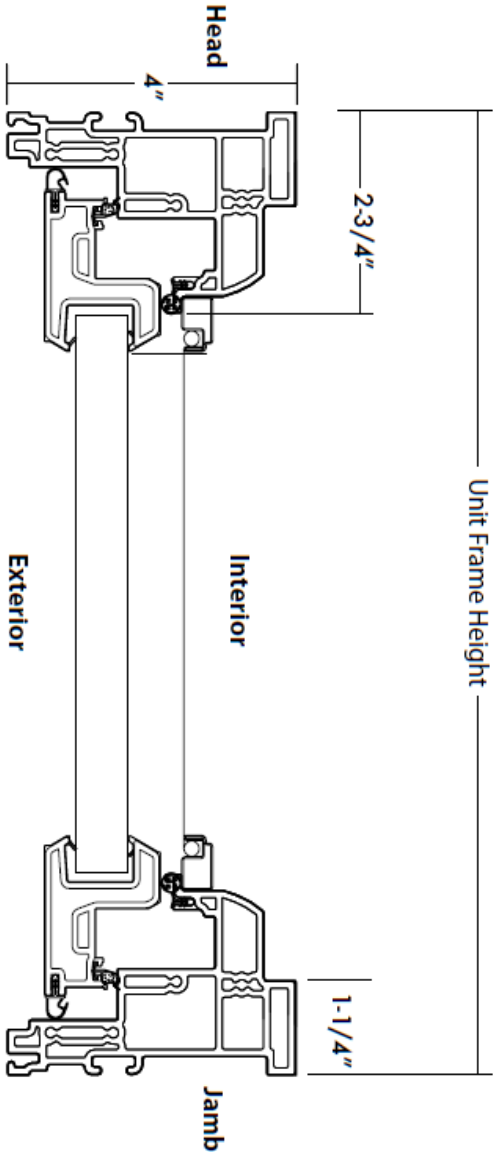
Fibrex material, like wood, fiberglass and aluminum, expands and contracts very little. Vinyl, however, can expand and contract a lot, which if not designed properly may cause cracks, bowing and leakage of air and water. Windows made of Fibrex material will perform better in winter and summer than windows made of vinyl.



**Renewal by Andersen  
Gliding Dimensions**



**Triple gliding window diagram**



**Renewal by Andersen  
Casement Dimensions**

