

Lang Windows

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CONFIDENTIAL



Foam Fill



File # 773.737.4500

Lang Windows

Case File: Cold Weather

Primary Suspect:	Drafty Windows	Alleged Crime:	Lack of Energy Efficiency
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Do you feel a draft?

If your windows are like the one shown in Exhibit A, you may be a victim of drafty windows. Fortunately for you Lang Exterior has been dedicated to putting an end to drafty windows since 1953. With a wide variety of options such as FOAM FILL, Lang Exterior has the most to offer in the ongoing battle for energy efficiency.

Exhibit A

Witness Statement I

My windows were 35 years of age and required maintenance on a regular basis. That is until I stopped into Lang Exterior and purchased my new Vinyl Foam Filled windows. Now there is a noticeable difference in the cost to keep my house heated, and I don't feel a draft! Thanks to Lang Exterior and their on-going innovations I have put an end to worrying about my homes energy consumption.

Witness Statement II

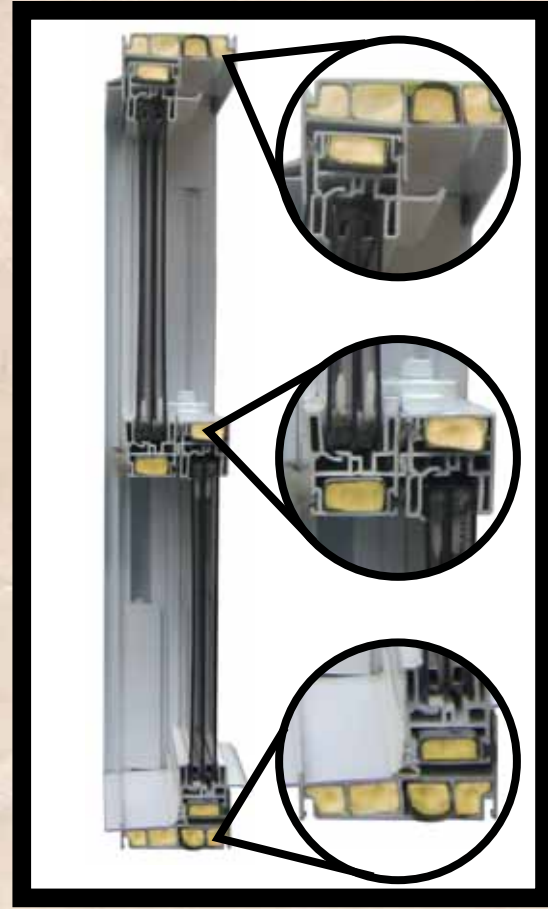
After two winters of extremely high gas bills, I decided to have my home checked for any issues. I could feel the cold air coming through my window frames. I called my contractor and had him stop into Lang Exterior to pick up some new Foam Filled windows with R5 glass and I noticed the change immediately! I don't feel the cold coming through my windows anymore, and I can live comfortably!

The Solution: Foam Fill

Lang Exterior Has Developed a method to reduce heat loss from the frame of your window. This process includes using a very unique low density foam with minimum expansion qualities so there is no risk of your windows bowing or breaking, unlike our competitors.

Foam Fill can be combined with glass options such as LowE Glass, and Krypton or Argon gas for a noticeable reduction in the amount of heat displacement through your windows, and a reduction in the cost of keeping your house heated.

Exhibit B



Statistical Information**

- *Filling the cavity with an R-6 foam vs. air which is closer to an R-1
- By reducing your window from a U .24 to a U .22 (9% thermal improvement).
- Adding the foam into your vinyl frames drops the U-factor from a U .385 to a U .347 (10% thermal improvement).

Foam Fill



*Except where drainage is needed

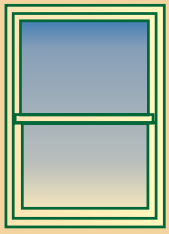
**Information provided by Architectural Testing; an accredited laboratory

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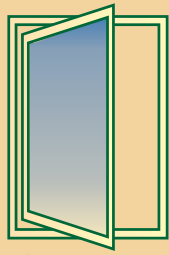
Visit Us On the Web at www.LangExterior.com

* All Lang Exterior products, hardware styles, and ratings are subject to change without notification. Ratings may vary between each window series

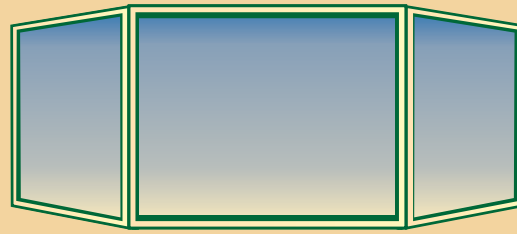
Foam Fill is available on the Following Lang Window Products



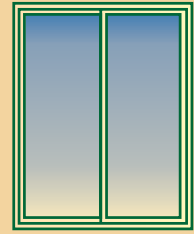
Double Hung



Casement



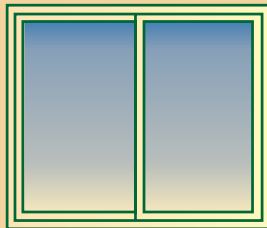
Bay



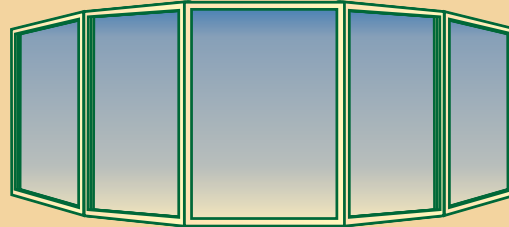
Patio Door



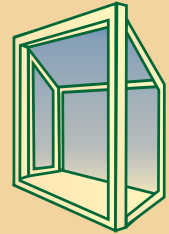
Picture Window



2-Lite Slider



Bow



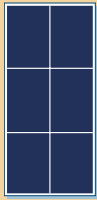
Garden Window

Decorative Glass Options V-Groove

A process that carves into the glass to give a 3 dimensional design



Archview



Colonial



Single
Prairie



Double
Prairie



Diamond



Marquise



Tulip



Victorian



Gothic



Grand
Marquise



Guadalupe



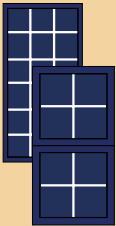
Cathedral



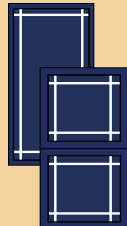
Cathedral
Mirrored

Grids

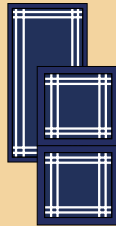
Between the glass for easy cleaning



Colonial
Available in all
color combinations,
brass and nickel



Single Prairie
Available in all color
combinations, brass
and nickel



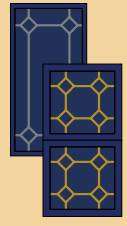
Double Prairie
Available in all color
combinations, brass
and nickel



Diamond
Available in all color
combinations



Diamond Middle
Brass or Nickel



Double Diamond
Brass or Nickel

*Size of windows dictate pattern of V-Groove and Grid Patterns colonial, prairie, and double prairie are also available in Nickel and Brass

South Side:

Corporate Location
2323 W. 59th Street
Chicago, IL 60636
773.737.4500

www.LangExterior.com



BY LW INC.

North Side:

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