



# INTRODUCING

## 3M™ Thinsulate™

### Window Film Climate Control 75

- ▶ Helps provide increased insulation performance, much like upgrading single pane to double pane and double pane to triple pane windows
- ▶ Helps improve comfort during cold winter months
- ▶ Heat rejection helps provide comfort and energy savings in summer months
- ▶ High visible light transmission film with a neutral appearance that helps maintain the building's existing appearance
- ▶ Helps extend the life of furnishings by significantly reducing harmful UV rays, the largest cause of fading
- ▶ Comprehensive warranty from 3M

Visible Light Transmission ★★★★★

Winter Insulation ★★★★★

Year Round Comfort ★★★★★

Best ★★★★★

Better ★★★★★

Good ★★★★★

Fair ★★★★★

Not Recommended ★

*In comparison to other 3M™ Window Films*

Valued Associations and Alliances:



CLINTON CLIMATE INITIATIVE



#### DESIGN TINTS

Unit 0, 150 Harris Road,  
East Tamaki  
Ph: (09) 263 0505  
sales@designtints.co.nz



INNOVATORS OF DESIGNER FILMS, SIGNS & TINTS

www.designtints.co.nz



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3M Renewable Energy  
3M Center, Building 235  
St. Paul, MN 55144 USA

3M.com/thinsulatewindowfilm

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#### LEED Certification

Window films may be used towards the following LEED credits:

- SS-8 • MR 1.1-1.2 • EQ-7.1 • EQ-8.1-8.2
- EA-1 • MR 5.1-5.2 • EQ-7.2 • ID

PRODUCT BULLETIN  
MAY 2016





## Climate Zone 6

Historic Minnesota Governor's Residence  
 1,000 sq ft installation of 3M™ Thinsulate™  
 Window Film Climate Control 75.

Customer Issues:

- ▶ Historic property that could not change the look of the building
- ▶ Single pane windows, caused cold, drafty areas
- ▶ Needed to meet state energy savings goals



## Product Performance and Technical Data

Glass Type (All 1/4")	Film Type	Visible Light			Total Solar Energy Rejected	Solar Heat Gain Coefficient (G Value)	U Value		Heat Loss Reduction	Heat Gain Reduction	UV Light Rejected	Glare Reduction	Visible Light to Solar Heat Gain Ratio
		Reflected (interior)	Reflected (exterior)	Transmitted			btu/ hft²F	w/ m²K					
Clear	Thinsulate™ 75	12%	16%	74%	47%	0.53	0.62	3.6	40%	35%	99.9%	17%	1.4
Tinted	Thinsulate™ 75	10%	8%	44%	60%	0.40	0.62	3.6	40%	37%	99.9%	17%	1.1
Double Clear	Thinsulate™ 75	17%	21%	66%	49%	0.51	0.35	2.0	26%	27%	99.9%	16%	1.3
Tinted Clear	Thinsulate™ 75	15%	10%	40%	63%	0.37	0.35	2.0	26%	27%	99.9%	15%	1.1

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