



Virtually invisible insulation. Enhance comfort and efficiency year round with 3M™ Thinsulate™ Window Film.

- ▶ Increases the insulation performance of your windows
- ▶ Improves comfort during cold winter months
- ▶ Heat rejection during the summer months results in a cooler, more comfortable room climate
- ▶ Provides energy savings
- ▶ Available in two variants:
 - with high light transmission and a nearly invisible appearance that does not change the look of the building (CC 75)
 - with lower light transmission, but better sun control and glare reduction properties (CC 40)
- ▶ Efficient UV protection significantly reduces fading of furnishings

Visible Light Transmission (CC75 only) ★★★★★

Winter Insulation ★★★★★

Year Round Comfort ★★★★★

Best ★★★★★

Better ★★★★

Good ★★★

Fair ★★

Not Recommended ★

In comparison to other 3M™ Window Films

Thinsulate, insulation for your windows.



Climate Zone 6

Historic Minnesota Governor's Residence





100 m² 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 6mm)	Film Type	Visible Light			Total Solar Energy Rejected	G Value (SHGC)	U Value		Heat Loss Reduction	Heat Gain Reduction	UV Light Rejected	Glare Reduction	LSG (Light to Solar Gain)
		Reflected (interior)	Reflected (exterior)	Transmission			btu/ hft ² F	w/ m ² K					
 Clear	Thinsulate™ 40	10%	7%	36%	59%	0.41	0.63	3.6	50%	39%	99.9%	59%	0.9
	Thinsulate™ 75	12%	16%	74%	47%	0.53	0.63	3.6	40%	35%	99.9%	17%	1.4
 Tinted	Thinsulate™ 40	9%	5%	22%	67%	0.33	0.63	3.6	48%	39%	99.9%	59%	0.7
	Thinsulate™ 75	10%	8%	44%	60%	0.40	0.63	3.6	40%	37%	99.9%	17%	1.1
 Double Clear	Thinsulate™ 40	11%	14%	32%	54%	0.46	0.35	2.0	34%	26%	99.9%	60%	0.7
	Thinsulate™ 75	17%	21%	66%	49%	0.51	0.35	2.0	26%	27%	99.9%	16%	1.3
 Tinted Clear	Thinsulate™ 40	11%	8%	19%	66%	0.34	0.35	2.0	33%	26%	99.9%	60%	0.6
	Thinsulate™ 75	15%	10%	40%	63%	0.37	0.35	2.0	26%	27%	99.9%	15%	1.1

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