

**3M** Science.  
Applied to Life.™

All Seasons Series



## Save energy, enhance comfort and enjoy a fast payback with 3M™ All Seasons Window Film Series.

- ▶ Improves comfort during the cold winter months as well as during the heat of summer
- ▶ High heat rejection helps provide energy savings in the summer
- ▶ Increased insulation helps provide energy savings in the winter
- ▶ Potential payback in less than 3 years
- ▶ Reduces glare which may help improve productivity at work stations
- ▶ Helps extend the life of furnishings by significantly reducing harmful UV rays, the largest cause of fading
- ▶ Comprehensive warranty from 3M

Winter Insulation	★★★★★
Energy Savings	★★★★★★
Glare Reduction	★★★★★★

Best ★★★★★★  
 Better ★★★★★  
 Good ★★★  
 Fair ★★  
 Not Recommended ★  
*In comparison to other 3M™ Window Films*

**Insulation for every season.  
Warmer in the winter,  
cooler in the summer.**



Valued Associations and Alliances:



CLINTON CLIMATE INITIATIVE



## Case Study:

Nashville, TN

Over 125,000 sq ft installation of All Seasons Amber 35





Payback period — less than 3 years

Customer Issues:

- ▶ High energy costs and consumption
- ▶ Tenant comfort issues due to direct sun



## 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		Solar Heat Reduction	UV Light Rejected	Glare Reduction	Visible Light to Solar Heat Gain Ratio
		Reflected (Interior)	Reflected (Exterior)	Transmitted			btu/ hft²F	W/ m²K				
 Clear	All Seasons Silver 20	58 %	53 %	20 %	76 %	0,24	0,77	4,37	71 %	99,9 %	77 %	0,8
	All Seasons Amber 35	60 %	54 %	30 %	75 %	0,25	0,85	4,8	69 %	99 %	67 %	1,2
 Tinted	All Seasons Silver 20	58 %	22 %	12 %	74 %	0,26	0,77	4,37	59 %	99,9 %	78 %	0,5
	All Seasons Amber 35	60 %	22 %	17 %	73 %	0,27	0,85	4,8	57 %	99 %	67 %	0,7
 Double Clear	All Seasons Silver 20	58 %	52 %	19 %	67 %	0,33	0,40	2,27	53 %	99,9 %	76 %	0,6
	All Seasons Amber 35	61 %	53 %	28 %	68 %	0,32	0,42	2,4	54 %	99 %	65 %	0,8
 Tinted Clear	All Seasons Silver 20	58 %	22 %	10 %	74 %	0,27	0,40	2,27	48 %	99,9 %	80 %	0,4
	All Seasons Amber 35	61 %	22 %	16 %	74 %	0,26	0,42	2,6	48 %	99 %	66 %	0,6

All statements, technical information and recommendations contained in this document are based upon tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluates the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method or application.

All questions of warranty and liability relating to 3M products are governed by the selling 3M subsidiary's Terms of Sale subject where applicable to the prevailing law.



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