# **Product Description**

- High Visible Light, High Clarity, Competitive Solar Heat Gain Coefficient
- High visible light transmission
- Helps reduce air conditioning costs.
- Stay cooler by reducing excessive heat in warmer months.
- Helps prolong the life and vibrancy of fabric, furniture and carpets.

## **Product Performance & Technical Data**

<u>CA80</u>	I							
	Single Pane		Tinted		Double Pane		Double tinted	
Film	1/4" Clear	CA80	1/4" tint	CA80	Dual 1/4" Clear	CA80	Dual 1/4" Tint	CA80
Solar Heat Gain Coefficient	0.82	0.57	0.63	0.48	0.70	0.62	0.51	0.45
Visible Light Transmitted	88%	77%	53%	46%	79%	69%	47%	41%
Visible Light Reflected Interior	8%	8%	6%	6%	15%	13%	13%	12%
Visible Light Reflected Exterior	8%	8%	6%	6%	15%	15%	8%	8%
U Value	1.03	1.06	1.03	1.06	0.47	0.48	0.47	0.48
UV Block	43%	99%	NA	99%	NA	99%	NA	99%
Total Solar Energy Rejected	18%	43%	37%	52%	30%	39%	49%	55%
Glare Reduction	NA	13%	NA	13%	NA	13%	NA	13%
Heat Loss Reduction	NA	-3%	NA	-3%	NA	-2%	NA	-2%
Solar Heat Reduction	NA	30%	NA	25%	NA	13%	NA	11%

#### **Commercial Solutions Division**

3M Center, Building 220-12E-04 St. Paul, MN 55144 3M.com/windowfilm





# 3M™ Sun Control Window Film

Ceramic Architectural 80

# **Health and Safety**

When handling any chemical products, read the manufacturers' container labels and the Safety Data Sheets (SDS) for important health, safety and environmental information. To obtain SDS sheets for 3M products go to <u>3M.com/SDS</u>, or by mail or in case of an emergency, call 1-888-364-3577 or 1-651-737-6501. When using any equipment, always follow the manufacturers' instructions for safe operation.

#### **Technical Information**

Technical information and data, recommendations, and other statements provided by 3M are based on information, tests, or experience which 3M believes to be reliable, but the accuracy or completeness of such information is not guaranteed. Such technical information and data are intended for persons with knowledge and technical skills sufficient to assess and apply their own informed judgment to the information. The typical values shown should not be used for the purpose of specification limits. If you have questions about this Product, contact the Customer Service Department at 1-800-852-9722.

#### **Product Use**

Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

## **Warranty**

3M warrants that each 3M product will be free from defects in material and manufacture for the length of the product warranty. 3M MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

#### **Limited Remedy**

If a 3M product does not conform to this warranty, the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

#### **No Extension of Warranty**

In the case of an approved warranty claim, the replacement Product will carry only the remaining term of the original warranty period.

### **Limitation of Liability**

Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted.

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