

## **Sun Control Window Films**

Performance Results on 1/4" Clear Glass\*:

| Visible Light Transmitted   | 52% |
|-----------------------------|-----|
| Total Solar Energy Rejected | 44% |
| UV Light Rejected           | 99% |
| Glare Reduction             | 41% |
| Visible Light Reflected     | 12% |
| Solar Heat Reduction        | 31% |



## Neutral 50

A higher standard



**RE50NEARL** 

## Neutral 50 Benefits:

- Reduces heat, saves energy and improves comfort
- Reduces fading and helps to protect furnishings
- Comprehensive 3M manufacturer's warranty
- Reduces glare and eye discomfort
- Increases personal safety from flying glass

| Glass Type<br>(All 1/4")            | Single<br>Pane<br>Clear | Single<br>Pane<br>Tinted | Double<br>Pane<br>Clear | Double<br>Pane<br>Tinted |
|-------------------------------------|-------------------------|--------------------------|-------------------------|--------------------------|
| Visible Light<br>Transmitted        | 52%                     | 31%                      | 46%                     | 28%                      |
| Total Solar Energy<br>Rejected      | 44%                     | 53%                      | 41%                     | 57%                      |
| UV Light Rejected                   | 99%                     | 99%                      | 99%                     | 99%                      |
| Glare Reduction                     | 41%                     | 41%                      | 41%                     | 41%                      |
| Visible Light<br>Reflected Exterior | 12%                     | 7%                       | 18%                     | 10%                      |
| Solar Heat Gain<br>Coefficient      | 0.56                    | 0.47                     | 0.59                    | 0.44                     |
| U Value                             | 1.03                    | 1.03                     | 0.47                    | 0.47                     |
| Solar Heat<br>Reduction             | 31%                     | 25%                      | 16%                     | 14%                      |

<sup>\*</sup> Performance data generated for a typical film on 6mm glass using applicable industry test methods and standards.

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## **Renewable Energy Division**

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