

Delivering Savings Enhancing Privacy



Silver P18

Benefits

- Classic silver reflective film with excellent solar protection
- Great heat rejection helps provide energy savings and improved comfort
- Helps reduce glare and eye discomfort
- Increased reflection helps enhance exterior privacy
- Can create a more uniform exterior appearance
- Comprehensive warranty from 3M

| | |
|----------------------------|------|
| Energy Savings | ★★★★ |
| Glare Rejection | ★★★★ |
| Visible Reflection | ★ |
| Visible Light Transmission | ★ |

In comparison to other 3M™ Sun Control Window Films

Best ★★★★★ Better ★★★ Good ★★ Fair ★

Valued Associations & Alliances



Silver P18 Case Study

Ford Motor Company Headquarters, Detroit, Michigan

Climate Zone 5





83,000 sq ft installation of Silver P18

Customer Issues:

- Maintaining comfortable temperatures
- Difficulty viewing computer screens due to glare from the sun



Product Performance & Technical Data

| Glass Type (All 1/4") | Film Type | Visible Light | | | Total Solar Energy Rejected | Solar Heat Gain Coefficient | U Value | Solar Heat Reduction | UV Light Rejected | Glare Reduction | Visible Light to Solar Heat Gain Ratio |
|--|------------|-------------------------|-------------------------|-------------|-----------------------------------|-----------------------------------|---------|-------------------------|----------------------|--------------------|--|
| | | Reflected (Interior) | Reflected (Exterior) | Transmitted | | | | | | | |
|  Clear | Silver P18 | 58% | 56% | 17% | 77% | 0.23 | 0.93 | 72% | 99% | 81% | 0.7 |
|  Tinted | Silver P18 | 58% | 23% | 10% | 74% | 0.27 | 0.93 | 58% | 99% | 82% | 0.4 |
|  Double Clear | Silver P18 | 58% | 55% | 15% | 67% | 0.33 | 0.45 | 53% | 99% | 80% | 0.5 |
|  Double Tinted | Silver P18 | 58% | 23% | 9% | 73% | 0.27 | 0.45 | 47% | 99% | 81% | 0.3 |

LEED Certification

Window films may be used towards the following LEED credits:

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

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3M Renewable Energy Division Window Films

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