

Federal Energy Management Program

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New and Underutilized Technology: Window Films

The following information outlines key deployment considerations for window films within the Federal sector. This information spans:

- [Benefits](#)
- [Application](#)
- [Key Factors for Deployment](#)
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Benefits

Window films are a spectrally-selective film used to decrease heat gain through a window.

Application

Window films are appropriate for deployment within most building categories and should be considered in building design, renovation, or during window replacement projects.

Key Factors for Deployment

Window orientation is a factor that must be considered prior to window film implementation.

Ranking Criteria

Federal energy savings, cost-effectiveness, and probability of success are ranked 0-5 with 0 representing the lowest ranking and 5 representing the highest ranking. The weighted score is ranked 0-100 with 0 representing the lowest ranking and 100 representing the highest ranking.

Federal Energy Savings	Cost Effectiveness	Probability of Success	Weighted Score
0.3	5.0	5.0	53

Resources

The following resources are available:

- [Window Film](#): National Association of Home Builders overview of window film technologies, manufacturers, testimonials, resources, and more.
- [Easing the Pane of Energy Costs – Pleotint Launches Smart Window Film](#): Rapid Growth news article on an emerging window film technology.