

EMF 8143

Description

A low reflective sputtered film, providing good heat, glare and UV protection, offering external visibility day and night.

Benefits

- Reduces energy costs all year round.
- Provides fade reduction.
- Only stabilised metal used in production.
- Provides medium level of daytime privacy.
- Ideal for maintaining night time views.
- World's toughest scratch resistant surface.
- Clear and distortion free adhesive.

Application

Clear Float or Laminated	YES*
Tinted Float or Laminated	NO
Toughened	YES
Wire Cast	NO

Specifications

1. Solar Heat Rejection	56%
2. Glare Rejection	69%
3. Ultra Violet Rejection	99%
4. Light Transmittance	27%
5. Solar Transmittance	29%
6. Solar Reflectance	11%
7. Solar Absorbance	60%
8. Visible Light Reflectance	13%
9. Shading Co-efficient	0.50
10. U-Value (W/Sq.m.k.)	5.8
11. Emissivity	0.69
12. Colour	Grey
13. Film Construction	Clear Sputtered Dyed
14. Visual Characteristics	Low Reflective
15. Laminates	Double
16. Metal Type	Nickel Alloy
17. Scratch Resistant	Yes
18. Thickness (Microns)	38
19. Warranty	-12 years Commercial/Lifetime Residential - 12 months Workmanship
20. EMF Rating	- Medium to High Reduction Energy Consumption - up to 15% FIR Retention
21. Heat Rating	Medium Rejection
22. Fade Rating	Medium to High Ability
23. Fire Rating	Exceeds Class A Fire Rating
24. Glare Rating	Medium to High Optical Comfort
25. Safety Rating	Medium to High Ability
26. Natural Light	Medium Retention
27. UPF Rating	Excellent Protection Category: 50+
28. Daytime Privacy	Medium to High Level of Privacy
29. Visual Acuity	90%
30. Cooling Star Rating	2.5
31. SHGC	0.44

* In certain applications a thermal safety assessment recommendation is required prior to application.

Refer to Film Specifiers Guide for further information.

energy management window films specification sheet



**cost
effective
energy
efficiency.**