

# EMF 1221

## Description

A reflective blue grey film providing high heat and glare reduction, used extensively in commercial buildings.

## Benefits

- Popular on commercial buildings with clear laminated glass.
- Advanced sputtering technology.
- Stabilised metals used to guarantee original colour.
- Good glare and fade reduction.
- Reduces energy costs all year round.
- Provides daytime privacy.
- World's toughest scratch resistant surface.
- Clear distortion free adhesive.

## Application

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

## Specifications

1. Solar Heat Rejection	67%
2. Glare Rejection	72%
3. Ultra Violet Rejection	98%+
4. Light Transmittance	25%
5. Solar Transmittance	19%
6. Solar Reflectance	25%
7. Solar Absorbance	56%
8. Visible Light Reflectance	31%
9. Shading Co-efficient	0.37
10. U-Value (W/Sq.m.k)	5.5
11. Emissivity	0.81
12. Colour	Blue Grey
13. Film Construction.	Clear Sputtered
14. Visual Characteristics	Semi 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 Low Reduction Energy
Consumption	- up to 15% FIR Retention
21. Heat Rating	Medium Rejection
22. Fade Rating	Medium to High Ability – up to 70%
23. Fire Rating	Exceeds Class A Fire Rating
24. Glare Rating	High Optical Comfort
25. Safety Rating	Medium to High Ability
26. Natural Light	Medium Retention
27. UPF Rating	Excellent Protection Category
28. Daytime Privacy	Medium to High Level of Privacy
29. Visual Acuity	90%
30. Cooling Star Rating	Medium - High Efficiency
31. SHGC	0.33

\* 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.**