

DeSign Tints R1

DESCRIPTION

A highly reflective film use on commercial buildings. Ideal where coloured glass exists thus increases its performance.

BENEFITS

- Designed for areas with severe heat and glare problems.
- Ideal for computer areas.
- Excellent daytime privacy.
- Excellent fade reduction.
- World's toughest scratch resistant surface.
- Clear distortion free adhesive.

APPLICATION

- Clear Float or LaminatedYES*
- Tinted Float or Laminated.....YES*
- Toughened.....YES
- Wire Cast.....YES
- Double Glazed.....YES*

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

SPECIFICATION

- | | |
|--|---|
| 1. Total Solar Energy Rejection (Heat) | 79% |
| 2. Glare Rejection | 83% |
| 3. Ultra Violet Rejection | 99%+ |
| 4. Visible Light Transmitted | 15% |
| 5. Solar Energy Reflected | 55% |
| 6. Solar Energy Absorbed | 33% |
| 7. Estimated Fade Reduction* | 80% |
| 8. Visible Light Reflected (External) | 60% |
| 9. Shading Co-efficient | 0.25 |
| 10. U-Value (W/Sq.m.k.) | 5.80 |
| 11. Solar Heat Gain Co-efficient | 0.21 |
| 12. Colour | Silver Reflective |
| 13. Film Construction | Clear Sputtered |
| 14. Visual Characteristics | Silver Reflective |
| 15. Laminates | Double |
| 16. Metal Type | Aluminium |
| 17. Thickness (microns) | 38 |
| 18. Scratch Resistant | Yes |
| 19. Warranty | 12 years Commercial & Residential (vertical), 5 years (horizontal). 12 Months Workmanship |
| 20. Heat Rating High Rejection | |
| 21. Fade Rating High Ability-up to 80% | |
| 22. Fire Rating Exceeds Class A Fire Rating | |
| 23. Glare Rating High Optical Comfort | |
| 24. Safety Rating Medium to High Ability | |
| 25. Natural Light Medium Retention | |
| 26. UPF Rating Excellent Protection Category | |
| 27. Daytime Privacy High Level of Privacy | |
| 28. Visual Acuity 88% | |
| 29. EMF Rating High Reduction Energy Consumption up to 15% FIR retention | |



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APPLIED TO 6MM CLEAR GLASS

*This data is a guide enabling an estimate only of fade reduction.

As there are variables that cause fading, it would be impossible to give an exact figure. The data therefore does not constitute warranty.