

# DeSign Tints R1 SEC

## DESCRIPTION

A silver reflective safety film used to increase strength of existing glass, whilst providing heat, glare and UV protection.

## BENEFITS

- Almost three times thicker than normal film, increasing strength and safety features.
- Reduces heat, glare and fading; and energy costs.
- Provides daytime privacy
- Manufactured to comply with the AS/NZ2208 when applied to 3mm glass and above.
- Scratch resistant coating.
- Maintains duty of care.

## APPLICATION

- Clear Float or Laminated .....YES\*
- Tinted Float or Laminated.....YES\*
- Toughened.....YES
- Wire Cast.....NO
- 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

## PHYSICAL PROPERTIES

A. Tensile Strength	25,714 Pounds per square inch
B. Break Strength	101 Pound force per inch width
C. Elongation at Break	137%
D. Peel Strength	3200 Grams per inch width
E. Puncture Strength	77 Pounds force

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.



Products and services we provide



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