

DeSign Tints SEC1

DESCRIPTION

A clear safety film applied to the inside surface of glass to give increased strength and safety. Provides protection from injury.

BENEFITS

- Provides protection in schools, kindergartens and public access areas.
- Visibility undetectable.
- Almost three times thicker than normal film, increasing strength and safety of glass.
- Manufactured to comply with the AS/NZS2208 when applied to 3mm glass and thicker.
- Scratch resistant coating
- Maintains duty of care.

APPLICATION

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

SPECIFICATION

1. Total Solar Energy Rejected	14%
2. Glare Rejection	2%
3. Ultra Violet Rejection	99%+
4. Visible Light Transmittance	87%
5. Visible Light Reflected (External)	9%
6. Solar Reflectance	7%
7. Solar Absorbance	7%
8. Visible Light Reflectance	9%
9. Shading Co-efficient	0.94
10. U-Value (W/Sq.m.k.)	5.8
11. Solar Heat Gain Co-efficient	0.86
12. Estimated Fade Reduction*	46%
13. Colour	Clear
14. Visual Characteristics	Non Reflective
15. Laminates	Single
16. Metal Type	No Metal
17. Thickness (microns)	100
18. Scratch Resistant	Yes
19. Warranty	12 years Commercial Residential 12 Months Workmanship



HSBC

PHYSICAL PROPERTIES

A. Tensile Strength	33,100 Pounds per square inch
B. Break Strength	132 Pound force per inch width
C. Elongation at Break	167%
D. Peel Strength	3200 Grams per inch width

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.