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High Performance Window Films



DC 2612

DESCRIPTION

A semi-reflective grey safety film used for providing increased strength to existing glass, whilst reducing heat, glare and UV.

BENEFITS

- Advanced sputtering technology.
- Stabilised metals used to guarantee original colour
- Almost three times thicker than normal film, increasing strength and safety of glass.
- Reduces heat, glare and fading; and energy costs.
- Provides daytime privacy.
- Manufactured to comply with the AS/NZS 2208 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	YES *

For thickness, see sample DC2645
For colour, see sample EMF5310

SPECIFICATIONS

1. Solar Heat Rejection	53%
2. Glare Rejection	55%
3. Ultra Violet Rejection	99%+
4. Light Transmittance	40%
5. Solar Transmittance	33%
6. Solar Reflectance	13%
7. Solar Absorbance	54%
8. Visible Light Reflectance	16%
9. Shading Co-efficient	0.54
10. U-Value (W/Sq.m.k.)	5.7
11. Emissivity	0.67
12. Colour	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)	100
19. Warranty	- 12 years Commercial/Lifetime Residential - 12 Months Workmanship
20. EMF Rating	- Medium Low Energy Consumption - up to 15% FIR retention

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

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DC 2623

DESCRIPTION

A light grey safety film used for providing increased strength to existing glass whilst reducing heat, glare and UV.

BENEFITS

- Advanced sputtering technology.
- Stabilised metals used to guarantee original colour
- Almost three times thicker than normal film, increasing strength and safety of glass.
- Reduces heat, glare and fading; and energy costs.
- Provides daytime privacy.
- Manufactured to comply with the AS/NZS 2208 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	YES *

For thickness, see sample DC2645
For colour, see sample EMF5365

SPECIFICATIONS

1. Solar Heat Rejection	44%
2. Glare Rejection	41%
3. Ultra Violet Rejection	99%+
4. Light Transmittance	52%
5. Solar Transmittance	44%
6. Solar Reflectance	10%
7. Solar Absorbance	36%
8. Visible Light Reflectance	12%
9. Shading Co-efficient	0.64
10. U-Value (W/Sq.m.k.)	5.8
11. Emissivity	0.67
12. Colour	Grey
13. Film Construction	Clear Sputtered
14. Visual Characteristics	Low Reflective
15. Laminates	Double
16. Metal Type	Nickel Alloy
17. Scratch Resistant	Yes
18. Thickness (Microns)	100
19. Warranty	- 12 years Commercial/Lifetime Residential - 12 Months Workmanship
20. EMF Rating	- Medium Low Energy Consumption - up to 15% FIR retention
20. EMF Rating	Medium to Low Reduction Energy Consumption up to 15% FIR retention

PHYSICAL PROPERTIES

A. Tensile Strength	.25,714 Pounds per square inch
B. Break Strength	101 Pounds force per square inch
C. Elongation At Break	137%
D. Peel Strength	3,200 Grams per inch width
E. Puncture Strength	77 Pounds Force

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DC 2645

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/NZS 2208 when applied to 3mm glass and thicker.
- Scratch resistant coating
- Maintains duty of care.

APPLICATION

Clear Float or Laminated	YES
Tinted Float or Laminated	YES
Toughened	YES
Wire Cast	YES

SPECIFICATIONS

1. Solar Heat Rejection	22%
2. Glare Rejection	3%
3. Ultra Violet Rejection	99%+
4. Light Transmittance	85%
5. Solar Transmittance	76%
6. Solar Reflectance	8%
7. Solar Absorbance	16%
8. Visible Light Reflectance	9%
9. Shading Co-efficient	0.91
10. U-Value (W/Sq.m.k.)	5.8
11. Emissivity	0.90
12. Colour	Clear
13. Film Construction	Film
14. Visual Characteristics	Non Reflective
15. Laminates	Single
16. Metal Type	no Metal
17. Scratch Resistant	Yes
18. Thickness (Microns)	100
19. Warranty	- 12 years Commercial/Lifetime Residential - 12 Months Workmanship
20. EMF Rating	- Medium Low Energy Consumption - up to 15% FIR retention

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
e. Puncture Strength	74 Pounds force

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DC 2667

DESCRIPTION

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

BENEFITS

- Aluminium based product.
- Stabilised metals used to guarantee original colour
- 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

For thickness, see sample DC2645
For colour, see sample EMF443M

SPECIFICATIONS

1. Solar Heat Rejection	76%
2. Glare Rejection	79%
3. Ultra Violet Rejection	99%+
4. Light Transmittance	19%
5. Solar Transmittance	13%
6. Solar Reflectance	40%
7. Solar Absorbance	47%
8. Visible Light Reflectance	50%
9. Shading Co-efficient	0.27
10. U-Value (W/Sq.m.k.)	5.6
11. Emissivity	0.60
12. Colour	Silver
13. Film Construction	Clear Metallised
14. Visual Characteristics	High Reflective
15. Laminates	Double
16. Metal Type	Aluminium
17. Scratch Resistant	Yes
18. Thickness (Microns)	100
19. Warranty	- 12 years Commercial/Lifetime Residential - 12 Months Workmanship
20. EMF Rating	- Medium Low Energy Consumption - up to 15% FIR retention
20F. SHGC	0.24

PHYSICAL PROPERTIES

A. Tensile Strength	25,714 Pounds per square inch
B. Break Strength	101 Pounds force per square inch
C. Elongation At Break	137%
D. Peel Strength	3,200 Grams per inch width
E. Puncture Strength	77 Pounds Force

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DC 2689

DESCRIPTION

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

BENEFITS

- Provides protection in schools, kindergartens and public access areas.
- Manufactured to comply with AS/NZS 2208 when applied to 3mm glass and thicker.
- Scratch resistant coating.
- Maintains duty of care.
- Clear appearance makes it an ideal film for display windows.
- Over four times thicker than normal film.

APPLICATION

Clear Float or Laminated	YES
Tinted Float or Laminated	YES
Toughened	YES
Wire Cast	YES

1.75 times as thick as DC2645

SPECIFICATIONS

1. Solar Heat Rejection	22%
2. Glare Rejection	3%
3. Ultra Violet Rejection	99%+
4. Light Transmittance	85%
5. Solar Transmittance	76%
6. Solar Reflectance	8%
7. Solar Absorbance	16%
8. Visible Light Reflectance	9%
9. Shading Co-efficient	0.89
10. U-Value (W/Sq.m.k.)	5.8
11. Emissivity	0.90
12. Colour	Clear
13. Film Construction	Film
14. Visual Characteristics	Non Reflective
15. Laminates	Single
16. Metal Type	No Metal
17. Scratch Resistant	Yes
18. Thickness (Microns)	175
19. Warranty	- 12 years Commercial/Lifetime Residential - 12 Months Workmanship
20. EMF Rating	- Medium Low Energy Consumption - up to 15% FIR retention
20F. SHGC	0.78

PHYSICAL PROPERTIES

A. Tensile Strength	27,614 Pounds per square inch
B. Break Strength	193 Pounds force per square inch
C. Elongation At Break	211%
D. Peel Strength	3,200 Grams per inch width
E. Puncture Strength	121 Pounds Force

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High Performance Window Films



DC 3131

DESCRIPTION

A double laminated clear security film used for protection from aggressive attack.

BENEFITS

- Manufactured to comply with AS/NZS 2208 when applied to 3mm glass and thicker.
- Popular for glass strengthening with clear appearance, ideal for display windows, showrooms and homes.
- Over 5 times as thick as normal film increasing strength and security feature.
- Holds shattered glass together, reducing risk of injury.

APPLICATION

Clear Float or Laminated	YES
Tinted Float or Laminated	YES
Toughened	YES
Wire Cast	YES

Twice as thick as DC2645

SPECIFICATIONS

1. Solar Heat Rejection	22%
2. Glare Rejection	3%
3. Ultra Violet Rejection	99%+
4. Light Transmittance	85%
5. Solar Transmittance	76%
6. Solar Reflectance	8%
7. Solar Absorbance	16%
8. Visible Light Reflectance	9%
9. Shading Co-efficient	0.89
10. U-Value (W/Sq.m.k.)	5.8
11. Emissivity	0.91
12. Colour	Clear
13. Film Construction	Film
14. Visual Characteristics	Non Reflective
15. Laminates	Single
16. Metal Type	No Metal
17. Scratch Resistant	Yes
18. Thickness (Microns)	200
19. Warranty	- 12 years Commercial/Lifetime Residential - 12 Months Workmanship
20. EMF Rating	- Medium Low Energy Consumption - up to 15% FIR retention
20F. SHGC	0.78

PHYSICAL PROPERTIES

A. Tensile Strength	27,614 Pounds per square inch
B. Break Strength	193 Pounds force per square inch
C. Elongation At Break	211%
D. Peel Strength	3,200 Grams per inch width
E. Puncture Strength	121 Pounds Force

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DC 3141

DESCRIPTION

A multi-laminated clear security film used for protection from aggressive attack.

BENEFITS

- Manufactured to comply with AS/NZS 2208 when applied to 3mm glass and thicker.
- Popular for glass strengthening with clear appearance, ideal for display windows, showrooms and homes.
- Over 7 times as thick as normal film increasing strength and security feature.
- Holds shattered glass together, reducing risk of injury.

APPLICATION

Clear Float or Laminated	YES
Tinted Float or Laminated	YES
Toughened	YES
Wire Cast	YES

Almost 3 times as thick as DC2645

SPECIFICATIONS

1. Solar Heat Rejection	22%
2. Glare Rejection	3%
3. Ultra Violet Rejection	99%+
4. Light Transmittance	85%
5. Solar Transmittance	76%
6. Solar Reflectance	8%
7. Solar Absorbance	16%
8. Visible Light Reflectance	9%
9. Shading Co-efficient	0.89
10. U-Value (W/Sq.m.k.)	5.8
11. Emissivity	0.90
12. Colour	Clear
13. Film Construction	Film
14. Visual Characteristics	Non Reflective
15. Laminates	Double
16. Metal Type	No Metal
17. Scratch Resistant	Yes
18. Thickness (Microns)	200
19. Warranty	- 12 years Commercial/Lifetime Residential - 12 Months Workmanship
20. EMF Rating	- Medium Low Energy Consumption - up to 15% FIR retention
20F. SHGC	0.78

PHYSICAL PROPERTIES

A. Tensile Strength	27,614 Pounds per square inch
B. Break Strength	193 Pounds force per square inch
C. Elongation At Break	211%
D. Peel Strength	3,200 Grams per inch width
E. Puncture Strength	121 Pounds Force

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High Performance Window Films



DC 3842

DESCRIPTION

A multi-laminated tinted security film used for protection from aggressive attack.

BENEFITS

- Manufactured to comply with AS/NZS 2208 when applied to 3mm glass and thicker.
- Popular for glass strengthening with clear appearance, ideal for display windows, showrooms and homes.
- Over 5 times as thick as normal film increasing strength and security feature.

APPLICATION

Clear Float or Laminated	YES*
Tinted Float or Laminated	YES*
Toughened	YES
Wire Cast	YES*

Twice as thick as DC2645
For colour, see sample EMF5365

SPECIFICATIONS

1. Solar Heat Rejection	44%
2. Glare Rejection	41%
3. Ultra Violet Rejection	99%+
4. Light Transmittance	52%
5. Solar Transmittance	44%
6. Solar Reflectance	10%
7. Solar Absorbance	36%
8. Visible Light Reflectance	12%
9. Shading Co-efficient	0.64
10. U-Value (W/Sq.m.k.)	5.8
11. Emissivity	0.67
12. Colour	Grey
13. Film Construction	Clear Sputtered
14. Visual Characteristics	Low Reflective
15. Laminates	Double
16. Metal Type	Nickel Alloy
17. Scratch Resistant	Yes
18. Thickness (Microns)	200
19. Warranty	- 12 years Commercial/Lifetime Residential - 12 Months Workmanship
20. EMF Rating	- Medium Low Energy Consumption - up to 15% FIR retention
20F. SHGC	0.56

PHYSICAL PROPERTIES

a. Tensile Strength	25,714 Pounds per square inch
b. Break Strength	235 Pound force per inch width
c. Elongation at Break	140%
d. Peel Strength	2850 Grams per inch width
e. Puncture Strength	146 Pounds force

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High Performance Window Films



DC 3853

DESCRIPTION

A multi-laminated tinted security film used for protection from aggressive attack.

BENEFITS

- Manufactured to comply with AS/NZS 2208 when applied to 3mm glass and thicker.
- Popular for glass strengthening with clear appearance, ideal for display windows, showrooms and homes.
- Over 5 times as thick as normal film increasing strength and security feature.
- Holds shattered glass together, reducing risk of injury.
- Reduces energy costs all year round.
- Provides fade reduction.
- Patented porous sputtering technology.
- Only stabilised metals used in production.
- Original colour guaranteed to last.
- Provides medium level of 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	YES*

Twice as thick as DC2645
For colour, see sample EMF5310

SPECIFICATIONS

1. Solar Heat Rejection	54%
2. Glare Rejection	57%
3. Ultra Violet Rejection	99%+
4. Light Transmittance	38%
5. Solar Transmittance	32%
6. Solar Reflectance	13%
7. Solar Absorbance	55%
8. Visible Light Reflectance	16%
9. Shading Co-efficient	0.54
10. U-Value (W/Sq.m.k.)	5.7
11. Emissivity	0.67
12. Colour	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)	200
19. Warranty	- 12 years Commercial/Lifetime Residential - 12 Months Workmanship
20. EMF Rating	- Medium Low Energy Consumption - up to 15% FIR retention
20F. SHGC	0.46

PHYSICAL PROPERTIES

a. Tensile Strength	25,714 Pounds per square inch
b. Break Strength	235 Pound force per inch width
c. Elongation at Break	140%
d. Peel Strength	2850 Grams per inch width
e. Puncture Strength	146 Pounds force

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High Performance Window Films



DC 3864

DESCRIPTION

A multi-laminated tinted reflective security film used for protection from aggressive attack.

BENEFITS

- Manufactured to comply with AS/NZS 2208 when applied to 3mm glass and thicker.
- Popular for glass strengthening with clear appearance, ideal for display windows, showrooms and homes.
- Over 5 times as thick as normal film increasing strength and security feature.
- Holds shattered glass together, reducing risk of injury.
- 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 Laminated	YES*
Tinted Float or Laminated	YES*
Toughened	YES
Wire Cast	YES*

Twice as thick as DC2645
For colour, see sample EMF4437

SPECIFICATIONS

1. Solar Heat Rejection	76%
2. Glare Rejection	78%
3. Ultra Violet Rejection	99%+
4. Light Transmittance	19%
5. Solar Transmittance	14%
6. Solar Reflectance	38%
7. Solar Absorbance	48%
8. Visible Light Reflectance	46%
9. Shading Co-efficient	0.28
10. U-Value (W/Sq.m.k.)	4.9
11. Emissivity	0.60
12. Colour	Silver
13. Film Construction	Clear Meatlaised
14. Visual Characteristics	High Reflective
15. Laminates	Double
16. Metal Type	Nickel Alloy
17. Scratch Resistant	Yes
18. Thickness (Microns)	200
19. Warranty	- 12 years Commercial/Lifetime Residential - 12 Months Workmanship
20. EMF Rating	- Medium Low Energy Consumption - up to 15% FIR retention
20F. SHGC	0.24

PHYSICAL PROPERTIES

a. Tensile Strength	25,714 Pounds per square inch
b. Break Strength	235 Pound force per inch width
c. Elongation at Break	140%
d. Peel Strength	2850 Grams per inch width
e. Puncture Strength	146 Pounds force

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DC 4000

DESCRIPTION

A clear Anti Graffiti film, used for protection from vandalism, can be applied to glass and some smooth surfaces.

BENEFITS

- Ideal for long-term protection against the scratching of external glass surfaces, facing pedestrian traffic areas, such as: display windows, advertising signage, advertising displays, etc.
- Low-cost alternative to glass replacement due to scratching.
- Genuine, industry-leading three-year external warranty.
- Patented “external” pressure sensitive adhesive.
- Patented “external” scratch resistant coating.
- Almost 3 times as thick as normal film.
- Holds shattered glass together, reducing risk of injury.

APPLICATION

Clear Float or Laminated	YES
Tinted Float or Laminated	YES
Toughened	YES
Wire Cast	YES

For thickness and colour, see sample DC2645

SPECIFICATIONS

1. Solar Heat Rejection	22%
2. Glare Rejection	3%
3. Ultra Violet Rejection	99%+
4. Light Transmittance	85%
5. Solar Transmittance	76%
6. Solar Reflectance	8%
7. Solar Absorbance	16%
8. Visible Light Reflectance	9%
9. Shading Co-efficient	0.91
10. U-Value (W/Sq.m.k.)	5.8
11. Emissivity	0.90
12. Colour	Clear
13. Film Construction	Clear Film
14. Visual Characteristics	Non Reflective
15. Laminates	Single
16. Metal Type	No Metal
17. Scratch Resistant	Yes
18. Thickness (Microns)	100
19. Warranty	- 3 years Commercial/ Residential - 12 Months Workmanship
20. EMF Rating	- Low Energy Consumption - up to 15% FIR retention
20F. SHGC	78

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
e. Puncture Strength	74 Pounds force

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