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High Performance Window Films

EMF 5310

DESCRIPTION

A semi reflective metallised grey film, providing good heat, glare and UV protection.

BENEFITS

- 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	NO

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)	38
19. Warranty	-12 years - 12 Months Workmanship
20. EMF Rating	- Medium Reduction Energy Consumption - up to 15% FIR Retention
21. Heat Rating	Medium Rejection
22. Fade Rating	Medium to High Ability
23. Fire Rating	Exceeds Class A Fire Rating
24. Glare Rating	High Optical Comfort
25. Safety Rating	Medium to High Ability
26. Natural Light	High Retention
27. UPF Rating	Excellent Protection Category
28. Daytime Privacy	Medium Level of Privacy
29. Visual Acuity	92%
30. Cooling Star Rating	To Be Advised
31. SHGC	0.46

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High Performance Window Films

EMF 5321

DESCRIPTION

A semi reflective metallised bronze film, used in commercial and domestic properties.

BENEFITS

- Reduces energy costs all year round.
- Provides fade reduction.
- Patented porous sputtering technology.
- Only stabilised metals used in production.
- 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	NO

SPECIFICATIONS

1. Solar Heat Rejection	64%
2. Glare Rejection	59%
3. Ultra Violet Rejection	99%+
4. Light Transmittance	36%
5. Solar Transmittance	24%
6. Solar Reflectance	27%
7. Solar Absorbance	49%
8. Visible Light Reflectance	21%
9. Shading Co-efficient	0.40
10. U-Value (W/Sq.m.k.)	5.1
11. Emissivity	0.89
12. Colour	Bronze
13. Film Construction	Clear Sputtered
14. Visual Characteristics	Semi Reflective
15. Laminates	Double
16. Metal Type	Nickel Alloy plus Copper
17. Scratch Resistant	Yes
18. Thickness (Microns)	38
19. Warranty	-12 years - 12 Months Workmanship
20. EMF Rating	- Medium to High 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	Medium to High Optical Comfort
25. Safety Rating	Medium to High Ability
26. Natural Light	High Retention
27. UPF Rating	Excellent Protection Category
28. Daytime Privacy	Medium Level of Privacy
29. Visual Acuity	91%
30. Cooling Star Rating	High Efficiency
31. SHGC	0.36

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High Performance Window Films

EMF 5343

DESCRIPTION

A highly reflective grey film used extensively on commercial buildings.

BENEFITS

- Reduces energy costs all year round.
- Provides excellent heat, glare and fade protection.
- Patented porous sputtering technology.
- Only stabilised metals used in production.
- Original colour guaranteed to last.
- Provides good 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	65%
2. Glare Rejection	74%
3. Ultra Violet Rejection	99%+
4. Light Transmittance	23%
5. Solar Transmittance	19%
6. Solar Reflectance	20%
7. Solar Absorbance	61%
8. Visible Light Reflectance	24%
9. Shading Co-efficient	0.39
10. U-Value (W/Sq.m.k.)	5.6
11. Emissivity	0.62
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)	38
19. Warranty	-12 years - 12 Months Workmanship
20. EMF Rating	- Medium to High Reduction Energy Consumption - up to 15% FIR Retention
21. Heat Rating	Medium Rejection
22. Fade Rating	High Ability - up to 70%
23. Fire Rating	Exceeds Class A Fire Rating
24. Glare Rating	Medium to 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	To Be Advised
31. SHGC	0.35

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High Performance Window Films

EMF 5354

DESCRIPTION

A highly reflective bronze film used extensively on commercial buildings.

BENEFITS

- Reduces energy costs all year round.
- Provides excellent heat, glare and fade protection.
- Advanced patented sputtering technology.
- Only stabilised metals used in production.
- Original colour guaranteed to last.
- Provides good 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	78%
2. Glare Rejection	81%
3. Ultra Violet Rejection	99%+
4. Light Transmittance	17%
5. Solar Transmittance	10%
6. Solar Reflectance	35%
7. Solar Absorbance	54%
8. Visible Light Reflectance	32%
9. Shading Co-efficient	0.25
10. U-Value (W/Sq.m.k.)	4.9
11. Emissivity	0.84
12. Colour	Bronze
13. Film Construction	Clear Sputtered
14. Visual Characteristics	Semi Reflective
15. Laminates	Double
16. Metal Type	Nickel Alloy plus Copper
17. Scratch Resistant	Yes
18. Thickness (Microns)	38
19. Warranty	-12 years - 12 Months Workmanship
20. EMF Rating	- Medium to High Reduction Energy Consumption - up to 15% FIR Retention
21. Heat Rating	High Rejection
22. Fade Rating	High Ability - up to 70%
23. Fire Rating	Exceeds Class A Fire Rating
24. Glare Rating	Medium to 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	88%
30. Cooling Star Rating	To Be Advised
31. SHGC	0.22

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High Performance Window Films

EMF 5365

DESCRIPTION

A medium to light grey metallised film used extensively in shopfronts, homes and showrooms.

BENEFITS

- Reduces energy costs all year round.
- Provides good heat, glare and fade protection.
- Advanced patented sputtering technology.
- Only stabilised metals used in production.
- Original colour guaranteed to last.
- Moderate daytime privacy.
- World's toughest scratch resistant surface.
- Clear distortion free adhesive.
- Ideal when internal visibility is required.

APPLICATION

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

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)	38
19. Warranty	-12 years - 12 Months Workmanship
20. EMF Rating	- Medium to High Reduction Energy Consumption - up to 15% FIR Retention
21. Heat Rating	Low Rejection
22. Fade Rating	Medium to Low Ability - up to 50%
23. Fire Rating	Exceeds Class A Fire Rating
24. Glare Rating	Medium Optical Comfort
25. Safety Rating	Medium to High Ability
26. Natural Light	High Retention
27. UPF Rating	Excellent Protection Category
28. Daytime Privacy	Medium to High Level of Privacy
29. Visual Acuity	95%
30. Cooling Star Rating	Average Efficiency
31. SHGC	0.56

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High Performance Window Films

EMF 5387

DESCRIPTION

A light grey metallised film used extensively on shopfronts, homes and showrooms.

BENEFITS

- Reduces fading.
- Patented sputtering technology.
- Only stabilised metals used in production.
- Original colour guaranteed to last.
- Clear appearance makes it ideal for display windows.
- 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*

SPECIFICATIONS

1. Solar Heat Rejection	38%
2. Glare Rejection	31%
3. Ultra Violet Rejection	99%+
4. Light Transmittance	61%
5. Solar Transmittance	52%
6. Solar Reflectance	9%
7. Solar Absorbance	39%
8. Visible Light Reflectance	11%
9. Shading Co-efficient	0.70
10. U-Value (W/Sq.m.k.)	5.8
11. Emissivity	0.89
12. Colour	Grey
13. Film Construction	Clear Sputtered
14. Visual Characteristics	Non Reflective
15. Laminates	Double
16. Metal Type	Nickel Alloy
17. Scratch Resistant	Yes
18. Thickness (Microns)	38
19. Warranty	-12 years - 12 Months Workmanship
20. EMF Rating	- Low Reduction Energy Consumption - up to 15% FIR Retention
21. Heat Rating	Low Rejection
22. Fade Rating	Low Ability - up to 30%
23. Fire Rating	Exceeds Class A Fire Rating
24. Glare Rating	Medium to High Optical Comfort
25. Safety Rating	Medium to High Ability
26. Natural Light	High Retention
27. UPF Rating	Excellent Protection Category
28. Daytime Privacy	Low Level of Privacy
29. Visual Acuity	95%
30. Cooling Star Rating	To Be Advised
31. SHGC	0.62

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High Performance Window Films

EMF 4426

DESCRIPTION

Popular for use on commercial buildings with clear glass, giving an attractive deep grey appearance externally.

BENEFITS

- Designed for areas with severe 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	NO
Toughened	YES
Wire Cast	NO

SPECIFICATIONS

1. Solar Heat Rejection	77%
2. Glare Rejection	93%
3. Ultra Violet Rejection	99%+
4. Light Transmittance	6%
5. Solar Transmittance	9%
6. Solar Reflectance	24%
7. Solar Absorbance	37%
8. Visible Light Reflectance	13%
9. Shading Co-efficient	0.26
10. U-Value (W/Sq.m.k.)	4.9
11. Emissivity	0.62
12. Colour	Grey
13. Film Construction.	Dyed Metallised
14. Visual Characteristics	High Reflective
15. Laminates	Double
16. Metal Type	Aluminium
17. Scratch Resistant	Yes
18. Thickness (Microns)	38
19. Warranty	-7 years - 12 Months Workmanship
20. EMF Rating	- High to Medium Reduction Energy Consumption - up to 15% FIR Retention
21. Heat Rating	High Rejection
22. Fade Rating	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	High Level of Privacy
29. Visual Acuity	85%
30. Cooling Star Rating	To Be Advised
31. SHGC	0.23

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High Performance Window Films

EMF 4437

DESCRIPTION

A highly reflective film for 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 Laminated	YES *
Tinted Float or Laminated	YES
Toughened	YES
Wire Cast	YES*

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.	Dyed Metallised
14. Visual Characteristics	High Reflective
15. Laminates	Double
16. Metal Type	Aluminium
17. Scratch Resistant	Yes
18. Thickness (Microns)	38
19. Warranty	-12 years - 12 Months Workmanship
20. EMF Rating	- High to Medium Reduction Energy Consumption - up to 15% FIR Retention
21. Heat Rating	High Rejection
22. Fade Rating	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	High Level of Privacy
29. Visual Acuity	88%
30. Cooling Star Rating	Very High Efficiency
31. SHGC	0.24

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High Performance Window Films

EMF 4565E

DESCRIPTION

A highly reflective film manufactured for application to external surface of glass where thermal stress or obstructions are a major consideration.

Benefits

- Ideal film where thermal stress is a major consideration.
- Can be fitted externally to wired glass.
- Ideal for areas where glare is a problem.
- Excellent for glass ceiling panels.
- Excellent daytime privacy.
- Pressure sensitive adhesive.

APPLICATION

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

SPECIFICATIONS

1. Solar Heat Rejection	81%
2. Glare Rejection	80%
3. Ultra Violet Rejection	99%+
4. Light Transmittance	18%
5. Solar Transmittance	13%
6. Solar Reflectance	65%
7. Solar Absorbance	22%
8. Visible Light Reflectance	63%
9. Shading Co-efficient	0.22
10. U-Value (W/Sq.m.k.)	5.6
11. Emissivity	0.71
12. Colour	Silver
13. Film Construction	Clear Metallised
14. Visual Characteristics	High Reflective
15. Laminates	Double
16. Metal Type	Aluminium
17. Scratch Resistant	No - Kynar Coating
18. Thickness (Microns)	38
19. Warranty	-10 years film only vertical glazing - 5 years film only horizontal sloped glazing - 12 Months Workmanship
20. EMF Rating	- High Energy Consumption - up to 15% FIR Retention
21. Heat Rating	High 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	High Level of Privacy
29. Visual Acuity	88%
30. Cooling Star Rating	To Be Advised
31. SHGC	0.19

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High Performance Window Films

EMF 4670W

DESCRIPTION

A highly reflective film designed specifically to reduce heat loss. Used extensively in colder climates and can be applied to coloured glass.

BENEFITS

- Cuts heat loss in winter by up to 30%.
- Excellent daytime privacy.
- Reduces energy costs all year round.
- Dramatically reduces glare.
- Ideal for computer areas.
- 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	78%
2. Glare Rejection	81%
3. Ultra Violet Rejection	99%+
4. Light Transmittance	17%
5. Solar Transmittance	13%
6. Solar Reflectance	50%
7. Solar Absorbance	45%
8. Visible Light Reflectance	63%
9. Shading Co-efficient	0.25
10. U-Value (W/Sq.m.k.)	4.1
11. Emissivity	0.37
12. Colour	Silver
13. Film Construction	Clear Sputtered
14. Visual Characteristics	High Reflective
15. Laminates	Double
16. Metal Type	Aluminium
17. Scratch Resistant	Yes
18. Thickness (Microns)	38
19. Warranty	-7 years - 12 Months Workmanship
20. EMF Rating	- High Energy Consumption - up to 15% FIR Retention
21. Heat Rating	High 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	High Level of Privacy
29. Visual Acuity	88%
30. Cooling Star Rating	To Be Advised
31. SHGC	0.22

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High Performance Window Films

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 - 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

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High Performance Window Films

EMF 1232

DESCRIPTION

A semi-reflective blue/grey film providing moderate heat and glare reduction, excellent residential and commercial film.

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.
- Neutral interior appearance.

APPLICATION

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

SPECIFICATIONS

1. Solar Heat Rejection	61%
2. Glare Rejection	60%
3. Ultra Violet Rejection	98%+
4. Light Transmittance	35%
5. Solar Transmittance	26%
6. Solar Reflectance	20%
7. Solar Absorbance	54%
8. Visible Light Reflectance	26%
9. Shading Co-efficient	0.44
10. U-Value (W/Sq.m.k)	5.4
11. Emissivity	0.78
12. Colour	Blue Grey
13. Film Construction.	Clear Sputtered
14. Visual Characteristics	Semi Reflective
15. Laminates	Double
16. Metal Type	Aluminium/ 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 - up to 15% FIR Retention
21. Heat Rating	Medium Rejection
22. Fade Rating	Medium to High Ability – up to 50%
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	92%
30. Cooling Star Rating	To Be Advised
31. SHGC	0.39

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High Performance Window Films

EMF 1254

DESCRIPTION

A reflective blue grey film providing high heat and glare reduction, used extensively on commercial buildings or when daytime privacy is required.

BENEFITS

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

APPLICATION

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

SPECIFICATIONS

1. Solar Heat Rejection	79%
2. Glare Rejection	88%
3. Ultra Violet Rejection	98%+
4. Light Transmittance	11%
5. Solar Transmittance	7%
6. Solar Reflectance	44%
7. Solar Absorbance	49%
8. Visible Light Reflectance	53%
9. Shading Co-efficient	0.25
10. U-Value (W/Sq.m.k)	5.7
11. Emissivity	0.80
12. Colour	Blue Grey
13. Film Construction.	Clear Sputtered
14. Visual Characteristics	High Reflective
15. Laminates	Double
16. Metal Type	Aluminium/ 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	Medium Optical Comfort
25. Safety Rating	Medium to High Ability
26. Natural Light	Medium Retention
27. UPF Rating	Excellent Protection Category
28. Daytime Privacy	High Level of Privacy
29. Visual Acuity	87%
30. Cooling Star Rating	To Be Advised
31. SHGC	0.21

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** In certain applications a thermal safety assessment recommendation is required prior to application. Refer to Film Specifiers Guide for further information.*

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High Performance Window Films

EMF 8132

DESCRIPTION

A low reflective sputtered film, providing excellent heat, glare and UV protection. Offering external visibility day and night.

BENEFITS

- Reduces energy costs all year round.
- Provides fade reduction.
- Low internal reflection.
- Only stabilised metal used in production.
- Clear and distortion free adhesive.
- Provides excellent daytime visibility.
- World's toughest scratch resistant surface.
- Provides daytime privacy.
- Ideal for maintaining night time views.

APPLICATION

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

SPECIFICATIONS

1. Solar Heat Rejection	62%
2. Glare Rejection	82%
3. Ultra Violet Rejection	99%
4. Light Transmittance	16%
5. Solar Transmittance	20%
6. Solar Reflectance	11%
7. Solar Absorbance	69%
8. Visible Light Reflectance	12%
9. Shading Co-efficient	0.43
10. U-Value (W/Sq.m.k.)	5.7
11. Emissivity	0.67
12. Colour	Grey
13. Film Construction	Clear Sputtered Dyed
14. Visual Characteristics	Low 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 High Reduction Energy Consumption - up to 15% FIR Retention
21. Heat Rating	Medium Rejection
22. Fade Rating	Medium to High Ability
23. Fire Rating	Exceeds Class A Fire Rating
24. Glare Rating	Medium to 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	88%
30. Cooling Star Rating	3.5
31. SHGC	0.38

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** In certain applications a thermal safety assessment recommendation is required prior to application. Refer to Film Specifiers Guide for further information.*

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High Performance Window Films

EMF 8143

DESCRIPTION

A low reflective sputtered film, providing good heat, glare and UV protection, offering external visibility day and night.

BENEFITS

- Reduces energy costs all year round.
- Provides fade reduction.
- Only stabilised metal used in production.
- Provides medium level of daytime privacy.
- Ideal for maintaining night time views.
- World's toughest scratch resistant surface.
- Clear and distortion free adhesive.

APPLICATION

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

SPECIFICATIONS

1. Solar Heat Rejection	56%
2. Glare Rejection	69%
3. Ultra Violet Rejection	99%
4. Light Transmittance	27%
5. Solar Transmittance	29%
6. Solar Reflectance	11%
7. Solar Absorbance	60%
8. Visible Light Reflectance	13%
9. Shading Co-efficient	0.50
10. U-Value (W/Sq.m.k.)	5.8
11. Emissivity	0.69
12. Colour	Grey
13. Film Construction	Clear Sputtered Dyed
14. Visual Characteristics	Low 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 High Reduction Energy Consumption - up to 15% FIR Retention
21. Heat Rating	Medium Rejection
22. Fade Rating	Medium to High Ability
23. Fire Rating	Exceeds Class A Fire Rating
24. Glare Rating	Medium to High Optical Comfort
25. Safety Rating	Medium to High Ability
26. Natural Light	Medium Retention
27. UPF Rating	Excellent Protection Category: 50+
28. Daytime Privacy	Medium to High Level of Privacy
29. Visual Acuity	90%
30. Cooling Star Rating	2.5
31. SHGC	0.44

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High Performance Window Films

EMF 8154

DESCRIPTION

Popular for use on commercial buildings with clear glass, giving an attractive deep grey appearance externally. Provides excellent glare reduction and low internal light reflection thus maintaining night time views.

BENEFITS

- Designed for areas with severe glare problem.
- Provides good fade reduction.
- Ideal for computer areas.
- Excellent daytime privacy.
- Excellent fade reduction.
- Ideal for maintaining night time views.
- World's toughest scratch resistant surface.
- Clear and distortion free adhesive.

APPLICATION

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

SPECIFICATIONS

1. Solar Heat Rejection	73%
2. Glare Rejection	93%
3. Ultra Violet Rejection	99%
4. Light Transmittance	6%
5. Solar Transmittance	12%
6. Solar Reflectance	20%
7. Solar Absorbance	68%
8. Visible Light Reflectance EXT/INT	13% / 13%
9. Shading Co-efficient	0.31
10. U-Value (W/Sq.m.k.)	5.70
11. Emissivity	0.62
12. Colour	Grey
13. Film Construction	D/M/D
14. Visual Characteristics	Low Reflective
15. Laminates	Double
16. Metal Type	Al
17. Scratch Resistant	Yes
18. Thickness (Microns)	38
19. Warranty	-12 years Commercial/Lifetime Residential
20. EMF Rating	- High Reduction Energy Consumption - up to 15% FIR Retention
21. Heat Rating	High Rejection
22. Fade Rating	High Ability
23. Fire Rating	Exceeds Class A Fire Rating
24. Glare Rating	High Optical Comfort
25. Safety Rating	Medium to High Ability
26. Natural Light	Low Retention
27. UPF Rating	Excellent Protection Category: 50+
28. Daytime Privacy	High Level of Privacy
29. Visual Acuity	82%
30. Cooling Star Rating	4.0
31. SHGC	0.27

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High Performance Window Films

EMF 1290

DESCRIPTION

A non-reflective spectrally selective film, that is, the film stops an adequate amount of heat in the summer, but allows the 'winter' sun to enter in the cooler periods. Light emerald green 'coloured film' with good heat reduction, allowing a high level of natural light to filter through. Ideal film for use when energy efficiency is required.

BENEFITS

- Reduces energy costs all year round.
- Ideal for homes/offices that are required to meet 'energy ratings'
- Provides fade reduction.
- Patented spectrally selective sputtering technology.
- Only stabilised metals used in production.
- Original colour guaranteed to last.
- Provides high level of light transmission.
- 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	55%
2. Glare Rejection	22%
3. Ultra Violet Rejection	99%+
4. Light Transmittance	70%
5. Solar Transmittance	35%
6. Solar Reflectance	27%
7. Solar Absorbance	38%
8. Visible Light Reflectance	8%
9. Shading Co-efficient	0.51
10. U-Value (W/Sq.m.k)	5.10
11. Emissivity	0.66
12. Colour	(LEG) Light Emerald Green
13. Film Construction.	Clear Sputtered
14. Visual Characteristics	Non Reflective
15. Laminates	Double
16. Metal Type	Silver
17. Scratch Resistant	Yes
18. Thickness (Microns)	38
19. Warranty	- 10 years Commercial/ Lifetime Residential
20. EMF Rating	- Medium Reduction Energy Consumption - up to 15% FIR Retention
21. Heat Rating	Medium Rejection
22. Fade Rating	Medium Ability
23. Fire Rating	Exceeds Class A Fire Rating
24. Glare Rating	Low Optical Comfort
25. Safety Rating	Medium to High Ability
26. Natural Light	High Retention
27. UPF Rating	Excellent Protection Category: 50+
28. Daytime Privacy	Low Level of Privacy
29. Visual Acuity	95%
30. Cooling Star Rating	To Be Advised
31. SHGC	0.45

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ENERLOGIC 35

DESCRIPTION

EnerLogic 35 has been designed to deflect solar heat penetration by up to 76% and 99% of the sun's UV rays.

BENEFITS

- Centre-of-window U-Value equal to a clear glass double glazed window.
- Compatible with high efficiency, low iridescence, lighting.
- Faster payback than window replacement.
- Provides a balanced energy efficiency between cooling and heating.
- Patent pending 'world first' in solar film industry.
- High solar energy reduction in summer.
- Retention of room generated heat in winter.
- Outstanding optical clarity.
- Year-round insulating performance on all glass types.

APPLICATION

Applied to 6mm clear glasa

SPECIFICATIONS

1. Total Solar Energy Rejected (Heat)	76%
2. Visible Light Transmitted	33%
3. Visible Light Reflected (External)	48%
4. Visible Light Reflected (Internal)	33%
5. Ultra Violet Rejected	99%
6. Shading Coefficient	0.28
7. SHGC	0.24
8. U-Value – (W/m.K)	3.408
9. Emissivity	0.07
10. Glare Reduction	63%
11. Solar Energy Reflected	49%
12. Solar Energy Absorbed	32%
13. Estimated Fade Reduction*	75%

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** 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.*

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High Performance Window Films



ENERLOGIC 70

DESCRIPTION

EnerLogic 70 allows the winter sun's natural light and warmth to enter whilst still shielding away 49% of solar heat from the summer sun and improve the windows internal insulation capacity by 92% in winter.

BENEFITS

- Centre-of-window U-Value equal to a clear glass double glazed window.
- Compatible with high efficiency, low iridescence, lighting.
- Faster payback than window replacement.
- Provides a balanced energy efficiency between cooling and heating.
- Patent pending 'world first' in solar film industry.
- High solar energy reduction in summer.
- Retention of room generated heat in winter.
- Outstanding optical clarity.
- Year-round insulating performance on all glass types.

APPLICATION

Applied to 6mm clear glass

SPECIFICATIONS

1. Total Solar Energy Rejected (Heat)	49%
2. Visible Light Transmitted	70%
3. Visible Light Reflected (External)	8%
4. Visible Light Reflected (Internal)	70%
5. Ultra Violet Rejected	99%
6. Shading Coefficient	0.51
7. SHGC	0.51
8. U-Value – (W/m.K)	3.464
10. Glare Reduction	20%
11. Solar Energy Reflected	21%
12. Solar Energy Absorbed	33%
13. Estimated Fade Reduction*	59%

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