



Window film



EN 12600 certified

International breakage certification



Privacy protection

Blocks visibility



Protection against shards of glass

In case of breakage, the glass is held together



Appearance

Aesthetic windows



Separation of space

Protects spaces separated by glass surfaces



UV protection

Protects your health and your valuables

Privacy protection with window films!

Tensile strength
25000 psi
172 N/mm²

Break strength
140 lbs/inch
25 N/mm

	Single Pane
Total Solar Energy Rejected	38%
Visible Light Transmitted	58%
Visible Light Reflected	25%
Total Solar Energy Reflected	20%
Total Solar Energy Absorbed	25%
Total Solar Energy Transmitted	55%
UV Rejection	98%



Warranty

10 years



Sizes available

1.52x30 m (60"x100')



Certification

EN12600



Interior/exterior

Interior



Thickness

125 microns (5 mil)



Adhesive

Double adhesive thickness



Window film



Scratch-free!

Industrial-grade scratch resistant coating



Protection against shards of glass

In case of breakage, the glass is held together



Crystal clear

The view is not distorted



Thickness of 50 microns

Appropriate for curved windows as well



Security adhesive

Considerably stronger than the adhesive of heat protection films



Manufacturer

Commonwealth Laminating & Coating, USA



35 years of experience

One of the longest-operating distributors in the industry



Long-term solution

With a 10-year warranty



UV protection

Protects your health and your valuables

Level of protection



Protection against shards of glass

Protection against breakage

Safety with window films

Tensile strength

34100 psi
235 N/mm²

Break strength

68 lbs/inch
12 N/mm

Puncture strength

54 lbs
240 N

	Single Pane
Total Solar Energy Rejected	19%
Visible Light Transmitted	88%
Visible Light Reflected	10%
Total Solar Energy Reflected	8%
Total Solar Energy Absorbed	17%
Total Solar Energy Transmitted	75%
UV Rejection	99%
U-Value	5,96



Warranty

10 years



Sizes available

1.52x30 m (60"x100')



Layers

One



Interior/exterior

Interior



Thickness

50 microns (2 mil)



Adhesive

Double adhesive thickness



Window film



Scratch-free

Industrial Scratch Resistant Coating



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International breakage certification



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Protection against shards of glass

In case of breakage, the glass is held together



Security adhesive

Considerably stronger than the adhesive of heat protection films



Long-term solution

With a 10-year warranty



Crystal clear

The view is not distorted



Manufacturer

Commonwealth Laminating & Coating, USA



UV protection

Protects your health and your valuables

Level of protection



Protection against shards of glass

Protection against breakage

Safety with window films!

Tensile strength

34900 psi
241 N/mm²

Break strength

136 lbs/inch
24 N/mm

Puncture strength

93 lbs
414 N

	Single pane
Total Solar Energy Rejected	20%
Visible Light Transmitted	86%
Visible Light Reflected Exterior	10%
Total Solar Energy Reflected	8%
Total Solar Energy Absorbed	18%
Total Solar Energy Transmitted	74%
UV Rejection	99%
U-Value	5,96



Warranty

10 years



Certification

EN12600 2B2



Sizes available

0,91×30 m, 1,22×30m,
1,52×30 m, 1,82×30 m



Layers

One



Interior/exterior

Interior



Thickness

100 microns



Adhesive

Double security adhesive



Scratch Resistant Coating

2nd generation



Scratch-free

Industrial-grade scratch resistant coating



Easy to replace

Simple removal and reinstallation



Crystal clear

The view is not distorted



Protection against graffiti

The glass is protected from vandalism



UV protection

Protects your health and your valuables



Manufacturer

Commonwealth Laminating & Coating, USA

Level of protection



Protection against shards of glass

Protection against breakage

Safety with window films

Tensile strength
34900 psi
241 N/mm²

Break strength
136 lbs/inch
24 N/mm

Puncture strength
93 lbs
414N

	Single Pane
Total Solar Energy Rejected	19%
Visible Light Transmitted	86%
Visible Light Reflected Interior	9%
Visible Light Reflected Exterior	9%
Total Solar Energy Reflected	9%
Total Solar Energy Absorbed	13%
Total Solar Energy Transmitted	78%
UV Rejection	95%
U-Value	5,96



Warranty

2 years (exterior),
5 years (interior)



Sizes available

1.52x30 m (60"x100')



Layers

One



Interior/exterior

Interior / exterior



Thickness

100 microns (4 mil)



Adhesive

Double adhesive thickness



Scratch-free

Industrial Scratch Resistant Coating



EN 12600 certified

International breakage certification



35 years of experience

One of the longest-operating distributors in the industry



Protection against shards of glass

In case of breakage, the glass is held together



Security adhesive

Considerably stronger than the adhesive of heat protection films



Protection against breakage

Getting through the glass is significantly slower



Crystal clear

The view is not distorted



Manufacturer

Commonwealth Laminating&Coating, USA



UV protection

Protects your health and your valuables

Level of protection



Protection against shards of glass

Protection against breakage

Safety with window films!

Tensile strength

32260 psi
222 N/mm²

Break strength

216 lbs/inch
38 N/mm

Puncture strength

149 lbs
663 N

	Single pane
Total Solar Energy Rejected	20%
Visible Light Transmitted	85%
Visible Light Reflected Exterior	10%
Total Solar Energy Reflected	10%
Total Solar Energy Absorbed	19%
Total Solar Energy Transmitted	71%
UV Rejection	99%
U-Value	5,96



Warranty

10 years



Certification

EN12600 1B1



Sizes available

0,91×30 m, 1,52×30 m,
1,82×30 m



Layers

One



Interior/exterior

Interior



Thickness

175 microns



Adhesive

Double security adhesive



Heat protection
Reduces radiant heat



Protection against shards of glass
In case of breakage, the glass is held together



Light protection
Glare is reduced



Privacy protection
Grants daytime privacy



EN 12600 certified
International breakage certification



Scratch-free
Industrial-grade scratch resistant coating



35 years of experience
One of the longest-operating distributors in the industry

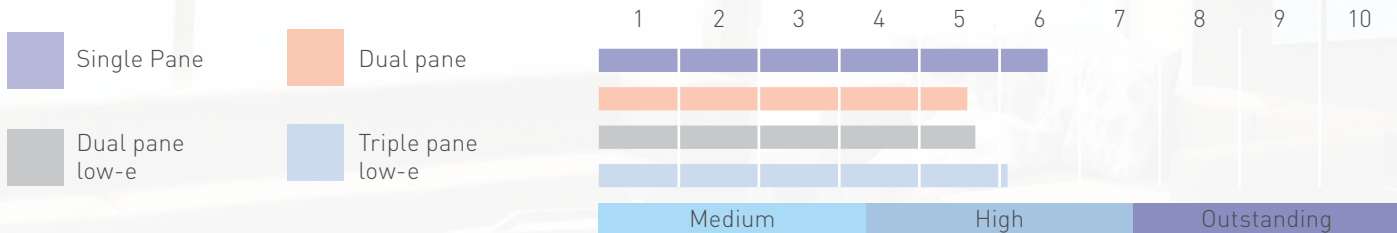


Smoke-like appearance
The building gets more beautiful



UV protection
Protects your health and your valuables

Energy saving on various window systems



Save energy with window films!

Tensile strength 28500 PSI 197 N/mm ²	Break strength 145 lbs/inch 25 N/mm	Puncture strength 103 lbs 458 N
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	Single Pane	Dual pane	Dual pane low-e	Triple pane low-e
Total Solar Energy Rejected	56%	46%	47%	51%
Visible Light Transmitted	40%	36%	34%	31%
Visible Light Reflected Exterior	18%	24%	20%	26%
Visible Light Reflected Interior	16%	18%	17%	18%
Total Solar Energy Reflected	19%	22%	35%	33%
Total Solar Energy Absorbed	52%	53%	44%	48%
Total Solar Energy Transmitted	29%	25%	22%	19%
SHGC	0.44	0.54	0.53	0.49
UV Rejection	99%	99%	99%	99%
U-Value	6.08	2.78	1.44	1.21
Emissivity	0.9	0.9	0.9	0.9
Compatibility	Compatible	Compatible	Conditionally compatible	Not compatible



Interior/exterior
Interior



Thickness
150 microns (6 mil)



Adhesive
Double adhesive thickness



Scratch Resistant Coating
2nd generation



Sizes available
1.52x30 m (60"x100')



Warranty
12 years



Layers
Multi



Certification
EN12600



Heat protection
Reduces radiant heat



Protection against shards of glass
In case of breakage, the glass is held together



Light protection
Glare is reduced



Privacy protection
Grants daytime privacy



EN 12600 certified
International breakage certification



Scratch-free
Industrial-grade scratch resistant coating



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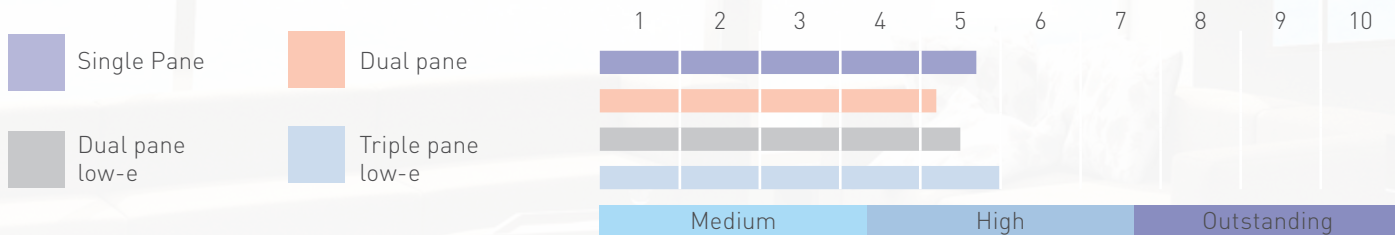


Smoke-like appearance
The building gets more beautiful



UV protection
Protects your health and your valuables

Energy saving on various window systems



Save energy with window films!

Tensile strength 28500 PSI 197 N/mm ²	Break strength 145 lbs/inch 25 N/mm	Puncture strength 103 lbs 458 N
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	Single Pane	Dual pane	Dual pane low-e	Triple pane low-e
Total Solar Energy Rejected	47%	42%	45%	50%
Visible Light Transmitted	52%	48%	45%	41%
Visible Light Reflected Exterior	17%	23%	20%	25%
Visible Light Reflected Interior	16%	19%	17%	19%
Total Solar Energy Reflected	19%	22%	34%	33%
Total Solar Energy Absorbed	40%	43%	36%	41%
Total Solar Energy Transmitted	42%	35%	30%	26%
SHGC	0.53	0.58	0.55	0,50
UV Rejection	99%	99%	99%	99%
U-Value	6.08	2.78	1.44	1.21
Emissivity	0.9	0.9	0.9	0.9
Compatibility	Compatible	Compatible	Conditionally compatible	Not compatible



Interior/exterior
Interior



Thickness
150 microns (6 mil)



Adhesive
Double adhesive thickness



Scratch Resistant Coating
2nd generation



Sizes available
1.52x30 m (60"x100')



Warranty
12 years



Layers
Multi



Certification
EN12600



Energy saving

Save money on cooling bills



EN 12600 certified

International breakage certification



35 years of experience

One of the longest-operating distributors in the industry



Protection against shards of glass

In case of breakage, the glass is held together



Privacy protection

Gives daytime privacy



Modern appearance

The building gets more beautiful



Light protection

Glare is reduced



Scratch-free

Industrial Scratch Resistant Coating



UV protection

Protects your health and your valuables

Energy saving on various window systems



Single pane



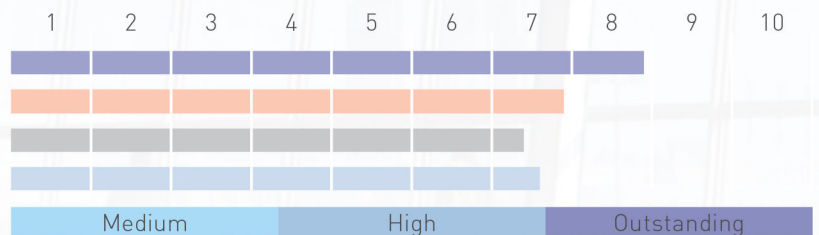
Dual pane



Dual pane low-e



Triple pane low-e



Save energy with window films!

Tensile strength
33600 psi
232 N/mm²

Break strength
134 lbs/inch
23 N/mm

Puncture strength
103 lbs
458 N

	Single pane	Dual pane	Dual pane low-e	Triple pane low-e
Total Solar Energy Rejected	79%	69%	64%	66%
Visible Light Transmitted	15%	17%	17%	16%
Visible Light Reflected Exterior	60%	59%	59%	58%
Visible Light Reflected Interior	59%	59%	59%	59%
Total Solar Energy Reflected	55%	52%	52%	47%
Total Solar Energy Absorbed	33%	36%	36%	43%
Total Solar Energy Transmitted	12%	12%	12%	11%
SHGC	0,21	0,31	0,36	0,34
UV Rejection	99%	99%	99%	99%
U-Value	5,34	2,62	1,43	1,15
Emissivity	0,84	0,84	0,84	0,84

Compatibility

Compatible

Compatible

Compatible

Conditionally
Compatible



Interior/exterior

Interior



Thickness

100 microns



Adhesive

Double security adhesive



Scratch Resistant Coating

2nd generation



Sizes available

1,52x30 m



Warranty

10 years



Certification

EN12600 2B2



Layers

Multi