

10 YEARS
WARRANTY
★ ★ ★ ★ ★



CATALOG BUILDING FILM

ฟิล์มกรองแสงสำหรับอาคาร

- RESIDENTIAL SERIES
- SAFETY SERIES



RESIDENTIAL SERIES

ฟิล์มกรองแสงลดความร้อนสำหรับอาคาร



ความเข้ม 30%-50%



Elite 34



Elite 35



Elite GN 30



Elite 40



Elite NR 50



Elite GN 50



Elite BL 50

ความเข้ม 60%



Elite 15



Elite 20



Elite NR 20



Elite 23



Elite 25

ความเข้ม 80%



Elite 5



Elite SG 10



Elite 13



Elite BL 15



Elite GN 15

แคตตาล็อกชุดนี้ถือเป็นทรัพย์สินของ บริษัท สิวณิชย์ จำกัด เพื่อนำมาใช้ประกอบการตัดสินใจเลือกซื้อสินค้า เท่านั้น ห้ามทำการ จำหน่าย ทำซ้ำ หรือซื้อ หรือขาย ไปยังผู้อื่นที่ไม่เกี่ยวข้อง หากผู้ใดฝ่าฝืนจะถูกดำเนินคดีตามกฎหมายให้ถึงที่สุด

RESIDENTIAL SERIES

ฟิล์มกรองแสงเซรามิกลดความร้อนสำหรับอาคาร

Ceramic ความเข้ม **50%-80%**



Elite Ceramic 05

Elite Ceramic 15

Elite Ceramic 20

Elite Ceramic 25

Elite Ceramic 30

Elite Ceramic 30BL

Elite Ceramic 40

Elite Ceramic 50

SAFETY SERIES

ฟิล์มกรองแสงนิรภัย



Clear 2 Mil
(2 Mil.)

Clear 4 Mil
(4 Mil.)

Clear 7 Mil
(7 Mil.)

Neutral Grey 35 8 Mil
(8 Mil.)

RESIDENTIAL SERIES

ฟิล์มกรองแสงลดความร้อนสำหรับอาคาร



ความเข้ม 30%-50%

- Visible Light Transmitted	37.0%
- Visible Light Reflected	13.0%
- Solar Energy Transmitted	38.0%
- Solar Energy Reflected	12.0%
- Solar Energy Absorbed	50.0%
- Infrared Rejected	50.0%
- UV Rejected	99.0%
- Shading Coefficient	0.59
- Total Solar Energy Rejected	49.0%
- Solar Energy Rejected	60.0%

Elite 34

- Visible Light Transmitted	36.0%
- Visible Light Reflected	15.0%
- Solar Energy Transmitted	37.0%
- Solar Energy Reflected	18.0%
- Solar Energy Absorbed	46.0%
- Infrared Rejected	53.0%
- UV Rejected	99.0%
- Shading Coefficient	0.58
- Total Solar Energy Rejected	50.0%
- Solar Energy Rejected	61.0%

Elite 35

- Visible Light Transmitted	34.0%
- Visible Light Reflected	18.0%
- Solar Energy Transmitted	31.0%
- Solar Energy Reflected	21.0%
- Solar Energy Absorbed	48.0%
- Infrared Rejected	42.0%
- UV Rejected	99.0%
- Shading Coefficient	0.62
- Total Solar Energy Rejected	48.0%
- Solar Energy Rejected	59.0%

Elite GN 30

- Visible Light Transmitted	50.0%
- Visible Light Reflected	26.0%
- Solar Energy Transmitted	38.0%
- Solar Energy Reflected	26.0%
- Solar Energy Absorbed	36.0%
- Infrared Rejected	55.0%
- UV Rejected	99.0%
- Shading Coefficient	0.56
- Total Solar Energy Rejected	52.0%
- Solar Energy Rejected	62.0%

Elite 40

- Visible Light Transmitted	53.0%
- Visible Light Reflected	12.0%
- Solar Energy Transmitted	44.0%
- Solar Energy Reflected	10.0%
- Solar Energy Absorbed	46.0%
- Infrared Rejected	48.0%
- UV Rejected	99.0%
- Shading Coefficient	0.66
- Total Solar Energy Rejected	43.0%
- Solar Energy Rejected	52.0%

Elite NR 50

- Visible Light Transmitted	57.0%
- Visible Light Reflected	15.0%
- Solar Energy Transmitted	43.0%
- Solar Energy Reflected	15.0%
- Solar Energy Absorbed	42.0%
- Infrared Rejected	45.0%
- UV Rejected	99.0%
- Shading Coefficient	0.66
- Total Solar Energy Rejected	43.0%
- Solar Energy Rejected	52.0%

Elite GN 50

- Visible Light Transmitted	60.0%
- Visible Light Reflected	16.0%
- Solar Energy Transmitted	45.0%
- Solar Energy Reflected	16.0%
- Solar Energy Absorbed	39.0%
- Infrared Rejected	43.0%
- UV Rejected	99.0%
- Shading Coefficient	0.67
- Total Solar Energy Rejected	42.0%
- Solar Energy Rejected	50.0%

Elite BL 50

ความเข้ม 60%

- Visible Light Transmitted	15.0%
- Visible Light Reflected	36.0%
- Solar Energy Transmitted	17.0%
- Solar Energy Reflected	45.0%
- Solar Energy Absorbed	38.0%
- Infrared Rejected	70.0%
- UV Rejected	99.0%
- Shading Coefficient	0.44
- Total Solar Energy Rejected	62.0%
- Solar Energy Rejected	73.0%

Elite 15

- Visible Light Transmitted	26.0%
- Visible Light Reflected	14.0%
- Solar Energy Transmitted	25.0%
- Solar Energy Reflected	17.0%
- Solar Energy Absorbed	58.0%
- Infrared Rejected	66.0%
- UV Rejected	99.0%
- Shading Coefficient	0.49
- Total Solar Energy Rejected	57.0%
- Solar Energy Rejected	70.0%

Elite 20

- Visible Light Transmitted	18.0%
- Visible Light Reflected	9.0%
- Solar Energy Transmitted	16.0%
- Solar Energy Reflected	10.0%
- Solar Energy Absorbed	74.0%
- Infrared Rejected	80.0%
- UV Rejected	99.0%
- Shading Coefficient	0.47
- Total Solar Energy Rejected	60.0%
- Solar Energy Rejected	71.0%

Elite NR 20

- Visible Light Transmitted	20.0%
- Visible Light Reflected	19.0%
- Solar Energy Transmitted	16.0%
- Solar Energy Reflected	17.0%
- Solar Energy Absorbed	68.0%
- Infrared Rejected	82.0%
- UV Rejected	99.0%
- Shading Coefficient	0.42
- Total Solar Energy Rejected	64.0%
- Solar Energy Rejected	83.0%

Elite 23

- Visible Light Transmitted	27.0%
- Visible Light Reflected	27.0%
- Solar Energy Transmitted	26.0%
- Solar Energy Reflected	25.0%
- Solar Energy Absorbed	50.0%
- Infrared Rejected	65.0%
- UV Rejected	99.0%
- Shading Coefficient	0.46
- Total Solar Energy Rejected	61.0%
- Solar Energy Rejected	72.0%

Elite 25

ความเข้ม 80%

- Visible Light Transmitted	5.0%
- Visible Light Reflected	10.0%
- Solar Energy Transmitted	17.0%
- Solar Energy Reflected	17.0%
- Solar Energy Absorbed	66.0%
- Infrared Rejected	55.0%
- UV Rejected	99.0%
- Shading Coefficient	0.46
- Total Solar Energy Rejected	60.0%
- Solar Energy Rejected	68.0%

Elite 5

- Visible Light Transmitted	8.0%
- Visible Light Reflected	55.0%
- Solar Energy Transmitted	9.0%
- Solar Energy Reflected	45.0%
- Solar Energy Absorbed	46.0%
- Infrared Rejected	85.0%
- UV Rejected	99.0%
- Shading Coefficient	0.25
- Total Solar Energy Rejected	78.0%
- Solar Energy Rejected	84.0%

Elite SG 10

- Visible Light Transmitted	8.0%
- Visible Light Reflected	26.0%
- Solar Energy Transmitted	20.0%
- Solar Energy Reflected	23.0%
- Solar Energy Absorbed	58.0%
- Infrared Rejected	64.0%
- UV Rejected	99.0%
- Shading Coefficient	0.42
- Total Solar Energy Rejected	64.0%
- Solar Energy Rejected	73.0%

Elite 13

- Visible Light Transmitted	10.0%
- Visible Light Reflected	26.0%
- Solar Energy Transmitted	10.0%
- Solar Energy Reflected	36.0%
- Solar Energy Absorbed	54.0%
- Infrared Rejected	80.0%
- UV Rejected	99.0%
- Shading Coefficient	0.30
- Total Solar Energy Rejected	75.0%
- Solar Energy Rejected	82.0%

Elite BL 15

- Visible Light Transmitted	15.0%
- Visible Light Reflected	39.0%
- Solar Energy Transmitted	11.0%
- Solar Energy Reflected	36.0%
- Solar Energy Absorbed	53.0%
- Infrared Rejected	80.0%
- UV Rejected	99.0%
- Shading Coefficient	0.31
- Total Solar Energy Rejected	74.0%
- Solar Energy Rejected	80.0%

Elite GN 15

แคตตาล็อกชุดนี้ถือเป็นทรัพย์สินของ บริษัท สิวณิชย์ จำกัด เพื่อนำมาใช้ประกอบการตัดสินใจเลือกซื้อสินค้า เท่านั้น
ห้ามทำการ จำหน่าย ทำซ้ำ หรือซื้อ หรือขาย ไปยังผู้อื่นที่ไม่เกี่ยวข้อง หากผู้ใดฝ่าฝืนจะถูกดำเนินคดีตามกฎหมายให้ถึงที่สุด



RESIDENTIAL SERIES

ฟิล์มกรองแสงเซรามิกลดความร้อนสำหรับอาคาร

Ceramic ความเข้ม 50%-80%



- Visible Light Transmitted	9.0%
- Visible Light Reflected	12.0%
- Solar Energy Transmitted	10.0%
- Solar Energy Reflected	10.0%
- Solar Energy Absorbed	80.0%
- Infrared Rejected	90.0%
- UV Rejected	99.0%
- Shading Coefficient	0.42
- Total Solar Energy Rejected	63.0%
- Solar Energy Rejected	84.0%

Elite Ceramic 05

- Visible Light Transmitted	16.0%
- Visible Light Reflected	14.0%
- Solar Energy Transmitted	13.0%
- Solar Energy Reflected	10.0%
- Solar Energy Absorbed	77.0%
- Infrared Rejected	90.0%
- UV Rejected	99.0%
- Shading Coefficient	0.44
- Total Solar Energy Rejected	62.0%
- Solar Energy Rejected	83.0%

Elite Ceramic 15

- Visible Light Transmitted	19.0%
- Visible Light Reflected	16.0%
- Solar Energy Transmitted	11.0%
- Solar Energy Reflected	17.0%
- Solar Energy Absorbed	72.0%
- Infrared Rejected	92.0%
- UV Rejected	99.0%
- Shading Coefficient	0.38
- Total Solar Energy Rejected	67.0%
- Solar Energy Rejected	84.0%

Elite Ceramic 20

- Visible Light Transmitted	25.0%
- Visible Light Reflected	13.0%
- Solar Energy Transmitted	18.0%
- Solar Energy Reflected	9.0%
- Solar Energy Absorbed	73.0%
- Infrared Rejected	90.0%
- UV Rejected	99.0%
- Shading Coefficient	0.45
- Total Solar Energy Rejected	61.0%
- Solar Energy Rejected	82.0%

Elite Ceramic 25

- Visible Light Transmitted	29.0%
- Visible Light Reflected	9.0%
- Solar Energy Transmitted	15.0%
- Solar Energy Reflected	8.0%
- Solar Energy Absorbed	77.0%
- Infrared Rejected	90.0%
- UV Rejected	99.0%
- Shading Coefficient	0.46
- Total Solar Energy Rejected	60.0%
- Solar Energy Rejected	80.0%

Elite Ceramic 30

- Visible Light Transmitted	30.0%
- Visible Light Reflected	10.0%
- Solar Energy Transmitted	20.0%
- Solar Energy Reflected	10.0%
- Solar Energy Absorbed	70.0%
- Infrared Rejected	90.0%
- UV Rejected	99.0%
- Shading Coefficient	0.46
- Total Solar Energy Rejected	60.0%
- Solar Energy Rejected	79.0%

Elite Ceramic 30BL

- Visible Light Transmitted	39.0%
- Visible Light Reflected	15.0%
- Solar Energy Transmitted	25.0%
- Solar Energy Reflected	18.0%
- Solar Energy Absorbed	57.0%
- Infrared Rejected	87.0%
- UV Rejected	99.0%
- Shading Coefficient	0.50
- Total Solar Energy Rejected	56.0%
- Solar Energy Rejected	74.0%

Elite Ceramic 40

- Visible Light Transmitted	50.0%
- Visible Light Reflected	8.0%
- Solar Energy Transmitted	23.0%
- Solar Energy Reflected	6.0%
- Solar Energy Absorbed	71.0%
- Infrared Rejected	95.0%
- UV Rejected	99.0%
- Shading Coefficient	0.49
- Total Solar Energy Rejected	57.0%
- Solar Energy Rejected	77.0%

Elite Ceramic 50

SAFETY SERIES

ฟิล์มกรองแสงนิรภัย



Visible Light Transmitted	82.0%
Visible Light Reflected Exterior	8.0%
Visible Light Reflected Interior	8.0%
Solar Energy Transmitted	78.0%
Solar Energy Reflected	7.0%
Solar Energy Absorbed	15.0%
UV Rejected	99.0%
Shading Coefficient	0.95
Solar Heat Gain Coefficient	0.87
Total Solar Energy Rejection	13.0%
Film Thickness	0.002"
Structure	Single Ply
Tensile Strength	25,000 PSI Avg.MD/TD
Break Strength	68 lbs / Inch
Peel Strength	5 to 6 Pounds Per Inch

Clear 2 Mil
(2 Mil.)

Visible Light Transmitted	87.0%
Visible Light Reflected Exterior	9.0%
Visible Light Reflected Interior	9.0%
Solar Energy Transmitted	75.0%
Solar Energy Reflected	8.0%
Solar Energy Absorbed	18.0%
UV Rejected	99.0%
Shading Coefficient	0.92
Solar Heat Gain Coefficient	0.80
Total Solar Energy Rejection	20.0%
Film Thickness	0.004"
Structure	Single Ply
Tensile Strength	25,000 PSI Avg.MD/TD
Break Strength	100 lbs / Inch
Peel Strength	5 to 6 Pounds Per Inch

Clear 4 Mil
(4 Mil.)

Visible Light Transmitted	88.0%
Visible Light Reflected Exterior	9.0%
Visible Light Reflected Interior	9.0%
Solar Energy Transmitted	75.0%
Solar Energy Reflected	7.0%
Solar Energy Absorbed	18.0%
UV Rejected	99.0%
Shading Coefficient	0.93
Solar Heat Gain Coefficient	0.81
Total Solar Energy Rejection	20.0%
Film Thickness	0.007"
Structure	Single Ply
Tensile Strength	25,000 PSI Avg.MD/TD
Break Strength	175 lbs / Inch
Peel Strength	5 to 6 Pounds Per Inch

Clear 7 Mil
(7 Mil.)

Visible Light Transmitted	36.0%
Visible Light Reflected Exterior	15.0%
Visible Light Reflected Interior	22.0%
Solar Energy Transmitted	30.0%
Solar Energy Reflected	18.0%
Solar Energy Absorbed	52.0%
UV Rejected	99.0%
Shading Coefficient	0.52
Solar Heat Gain Coefficient	0.45
Total Solar Energy Rejection	55.0%
Film Thickness	0.0085"
Structure	Multi-Ply Laminate
Tensile Strength	25,000 PSI Avg.MD/TD
Break Strength	200 lbs / Inch
Peel Strength	5 to 6 Pounds Per Inch

Neutal Grey 35 8 Mil
(8 Mil.)

บริษัท โอภาสสมาพันธ์ จำกัด

186 ถนนพรานนก-พุทธมณฑล แขวงบางพรหม เขตตลิ่งชัน กรุงเทพฯ 10170

เบอร์โทร 092 299 8793

แอดด้าลือกซุณนี้ถือป็นกริพย์สินของ บริษัท สิวณิษย์ จำกัด เพื่อนำมาใช้ประกอบการตัดสินใจเลือกซื้อสินค้า เท่านั้น
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