GROSVENOR

CONTRACTS.COM

020 7237 0099

info@grosvenorcontracts.com

grosvenorcontracts.com

WINDOW SHADING | SOFT FURNISHINGS | HEALTHCARE LAUNDRY | DISPOSABLE CUBICLE CURTAINS

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Our speciality is the supply and installation of blinds, curtains and tracks fit for commercial use. What makes us unique is the maintenance, cleaning, and re-upholstery services we offer, increasing the longevity of your products.

With expertise and extensive industry knowledge, we can advise you on the most suitable products for your specification and we pride ourselves on offering the best value. For a breakdown of our services, please see below.

- Anti Ligature Blinds & Cubicle Tracks.
- Blind options of Automated, Full Boxed Blackout, Roller, Roman, Venetian, Vertical & Sky Light Systems.
- Fabric Curtains & Disposable Cubicle Curtains.
- Speciality Products such as Bomb Blast Nets (BBNC), Window, Anti-glare & Bomb Film, Energy Film Frosted Manifestation & Upholstery.

Scan for full services!

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Grosvenor Contracts
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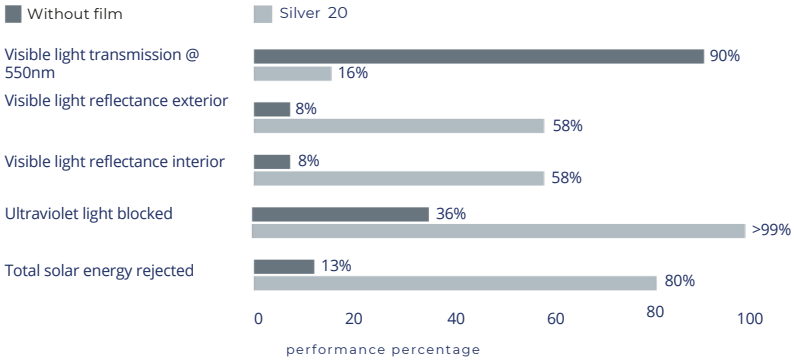
Silver 20

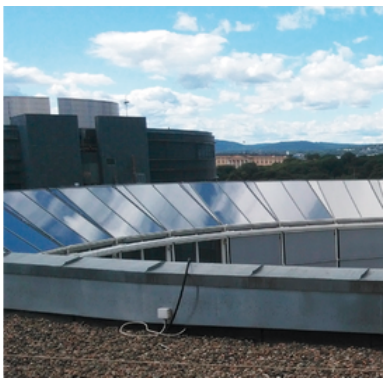
Grosvenor Contracts Silver window film range provides maximum heat rejection by being the first line of defense against solar heat and glare.
The film provides a refreshed and uniform look to dated buildings and maximum heat rejection also means maximum saving on air conditioning costs. UV blockers protect people and property from damaging UV rays.

Film performance (4mm)



Order information

Width of roll	Product code	Length of roll
48" / 1.21 meters 60" / 1.52 meters	SF55004050-48100	100 feet / 30.48 meters
	SF55004050-60100	
72" / 1.83 meters	SF55004050-72100	



Performance Parameters for Different Window Types

	4mm Single clear		4/12/4mm Double clear	
	No film	Silver 20	No film	Silver 20
Solar energy				
Solar heat gain coefficient (G-value)	.87	.20	.77	.30
Solar heat gain reduction %	0	77	0	61
Total solar energy rejected %	13	80	23	70
Infrared rejection @780 à 2500 nm %	17	94	–	–
Light to solar heat gain ratio (VLT/SHGC)	1.04	0.82	1.05	0.51
Transmittance %	85	12 35	73	11
Absorptance %	7	53	14	41
Reflectance %	8		13	48
Visible light		16		
Transmittance %	90	58	82	15
Reflectance exterior %	8	58	15	58
Reflectance interior %	8	82	15	59
Glare reduction %	0		0	81
Thermal energy		.70		
Emissivity	.84	5.4	.84	.70
Winter U-factor (W/m2 °C)	5.8	7	2.8	2.7
Winter heat loss reduction %	0		0	4
Ultraviolet light		>99		
Blocked @300 to 380 nm %	36		51	>99
Fade control		14		
Fade control UV Tdw-ISO @300 to 700 nm %	85	84	74	13
Fade reduction %	0		0	82

All Grosvenor Contracts window films meet classification B-S1,d0 (tests acc to SBI EN13823) and class M1 (tests acc.to NF P 92-501).

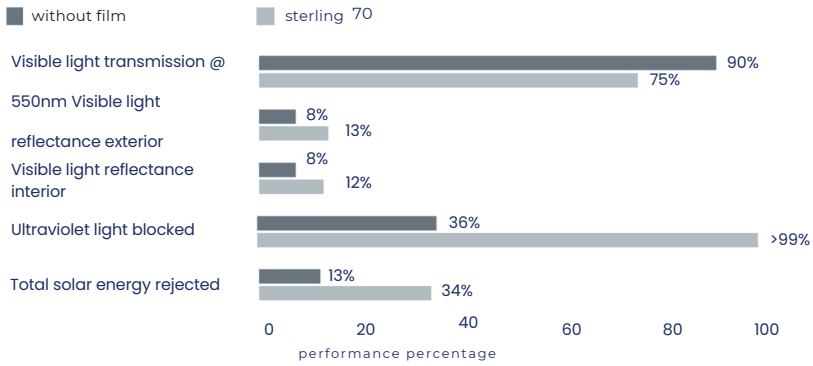
Physical properties nominal

Nom. thickness/	50 microns
Tensile strength/	2,100 kg/cm2
Melting point/	260 – 265°C

Sterling 70

The Grosvenor Contracts Sterling series is a spectrally selective film with a high level of visible light transmission. The Sterling series also provides extraordinary solar energy rejection performance. This allows for a luminous and more beautiful interior, while ensuring a comfortable and temperate environment.

Film performance (4mm)



Order information

Width of roll	Product code	Length of roll
48" / 1.21 meters	SF53000002-48100	100 feet / 30.48 meters
60" / 1.52 meters	SF53000002-60100	

Performance Parameters for Different Window Types

	4mm Single clear		4/12/4mm Double clear		4mm Triple Clear	
	No film	Sterling 70	No film	Sterling 70	No film	Sterling 70
Solar energy						
Solar heat gain coefficient (G-value)	.87	.66	.77	.65	.70	.62
Solar heat gain reduction %	0	24	0	16	0	12
Total solar energy rejected %	13	34	23	35	30	38
Infrared rejection @780 à 2500 nm %	17	59	–	–	–	–
Light to solar heat gain ratio (VLT/SHGC)	1.04	1.14	1.05	1.04	1.06	1.01
Transmittance %	85	60	73	53	63	46
Absorptance %	7	24 16	14	28	19	32
Reflectance %	8		13	19	18	22
Visible light						
Transmittance %		75				
Reflectance exterior %	90	13	82	68	75	62
Reflectance interior %	8	12	15	18	20	23
Glare reduction %	8	17	15	17	20	20
Thermal energy	0		0	17	0	17
Emissivity		.80				
Winter U-factor (W/m2 °C)	.84	5.6	.84	.80	.84	.80
Winter heat loss reduction %	5.8	2	2.8	2.8	1.8	1.8
Ultraviolet light	0	>99	0	1	0	1
Blocked @300 to 380 nm %	36		51	>99	61	>99
Fade control		52				
Fade control UV Tdw-ISO @300 to 700 nm	85	39	74	47	66	43
Fade reduction %	0		0	36	0	35

Physical properties nominal

Nom. thickness/	50 microns
Tensile strength/	2,100 kg/cm2
Melting point/	260 – 265°C

All Grosvenor Contracts window films meet classification B-S1,d0 (tests acc to SBI EN13823) and class M1 (tests acc.to NF P 92-501).

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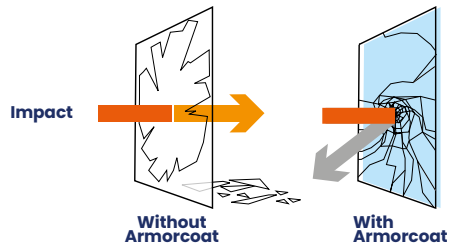
Armorcoat®
4, 7 & 8 Mil Clear

Optically clear, colorless and undetectable on glass, Armorcoat® safety films maintain the natural appearance of your windows day or night. The resilient layers of high- tensile polyester and aggressive adhesives provide exceptional impact resistant capabilities.

Shatter Resistant

EN 356 | EN 1260 0 | ISO 16933 | GSA INERIS ASTM | CSTB M1 EN 45545 EN 13501

How does Armorcoat work?



Order information

Width of roll	Product code	Length of roll
48" / 1.21 meters	SF55006045-48100 (AC 4 Mil CL)	100 feet / 30.5 meters
60" / 1.52 meters	SF55006045-60100 (AC 4 Mil CL)	
72" / 1.83 meters	SF55006045-72100 (AC 4 Mil CL)	
48" / 1.21 meters	SF55006175-48100 (AC 7 Mil CL)	
60" / 1.52 meters	SF55006175-60100 (AC 7 Mil CL)	
72" / 1.83 meters	SF55006175-72100 (AC 7 Mil CL)	
48" / 1.21 meters	SF55006225-48100 (AC 8 Mil CL)	
60" / 1.52 meters	SF55006225-60100 (AC 8 Mil CL)	
72" / 1.83 meters	SF55006225-72100 (AC 8 Mil CL)	

Performance Parameters for Different Window Types	AC 4 Mil Clear		AC 7 Mil Clear		AC 8 Mil Clear	
	4mm Single clear	4/12/4mm Double clear	4mm Single clear	4/12/4mm Double clear	4mm Single clear	4/12/4mm Double clear
Performance Results						
Visible Light Transmittance %	88	80	88	80	87	79
Solar Energy						
Infrared rejection @780 à 2500 nm %	24	—	26	—	28	—
Ultraviolet light blocked @300 to 380 nm %	>99	>99	>99	>99	>99	>99
Fade control UV Tdw-ISO @300 to 700 nm %	63	57	63	57	62	56
Fade reduction %	26	23	26	23	27	24
Physical Properties						
Tnom/T (µm) Nominal/overall thickness	100/125		175/200		200/235	
Tensile strength - kg/cm²	2110		2110		2110	
Elongation	>100%		>100%		>100%	
Peel strength - g/cm	>985		>985		>985	
Yield strength - kg/cm² (at 5%)	10,8		18,9		21,6	
Break strength - kg/cm	22,0		38,5		44,0	
Tear strength - kg (Graves)	3,0		5,3		6,0	
Puncture strength - kg	30,0		52,0		64,0	
Safety Testing						
EN 12600 Human impact	2B2		1B1		1B1	
EN 356 Resistance to manual attack	N/A		N/A		P1A	
ISO 16933, GSA or ASTM Bomb blast resistance	N/A		N/A		Y	

All Grosvenor Contracts window films meet classification B-S1,d0 (tests acc to SBI EN13823) and class M1 (tests acc.to NF P 92-501).

Physical properties nominal

Nom. thickness microns:	
4 mil	100/125
7 mil	175/200
8 mil	200/235
Tensile strength	2,110 kg/cm2
Melting point.	260 – 265°C

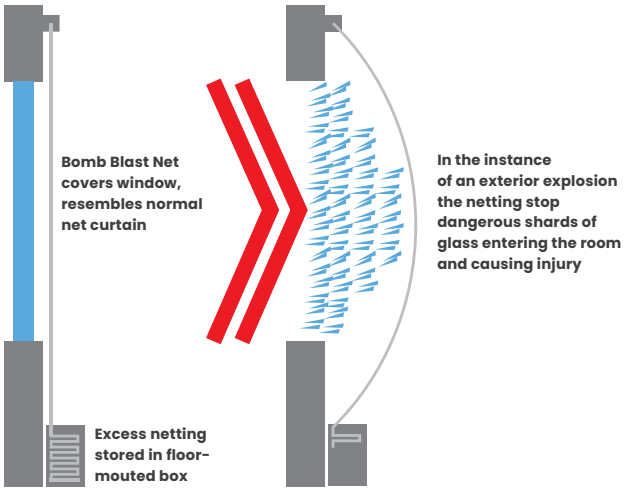
Bomb Blast Nets (BBNC)

Bomb blast nets protect people inside buildings from exterior explosions. The nets cover windows inside buildings and catch flying shards of glass. They are designed for vulnerable, high profile commercial and government buildings – bomb blast nets save lives.

Shatter Resistant

95% of all explosion injuries are caused by flying glass

How does BBNC work?



Bomb blast net details:

>> White mesh polyester filament marquisette fabric
>> 400gsm thickness
>> 550KTNs bomb blast resistance
>> Flexible bottom hem wieghts
>> Fire retardant to BS5867 part 2 type B
>> Five year manufacturer's warranty
>> High and low temp washable

Technical Data Report

QUALITY REF	786 6
FABRIC DESCRIPTION	POLYESTER MESH
YARN	100% POLYESTER
CONSTRUCTION	WARP KNIT
COLOUR	SCOUR OR TO ORDER
WIDTH	290 - 300 CM
WEIGHT	75 - 85 G/M²
BURST STRENGTH BS EN ISO 13938-1	MIN 5 Bar
FIRE TEST BS5867-2:2008 Class C	Complies with the flammability requirements: BS5867-2:2008
SIZE OF PIECE:	180 M
ADDITIONAL INFORMATION:	Available on Request

Quality & guarantee:

Grosvenor Contracts' bomb blast nets are manufactured with a four point quality check and rigorously tested. We are ISO 9001 and 14001 accredited and our systems come with a five year manufacturer's warranty.

All products supplied by Grosvenor Contacts are designed to be fit for purpose.

All maintenance and fitting is undertaken by Grosvenor Contracts' Service Delivery Technicians who are highly qualified, government security cleared, enhanced CRB checked and PASMA trained.

Benefits of using Grosvenor:

>> Certified bomb blast protection
>> Fully managed service and contract cleaning
>> Cost effective economies of scale for site-wide orders
>> Cost effective in-house making
>> Durable with experienced making
>> Removal of existing old curtains
>> Spare curtain storage available