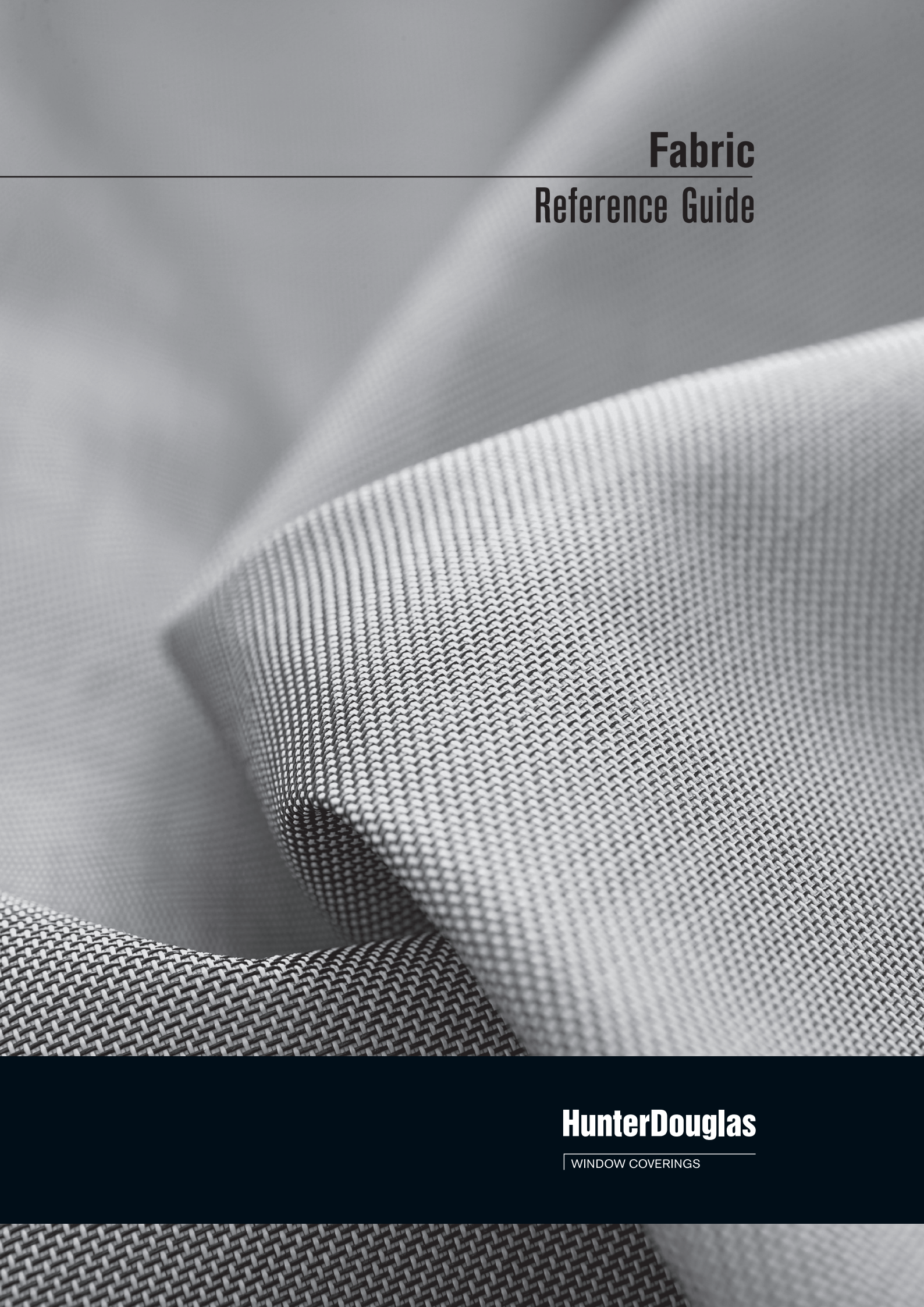
Fabric
Reference Guide



HunterDouglas

WINDOW COVERINGS

Quick Fabric Selector

Card	Fabric Name	OF %	Transparency			Material	FR Rating		Glare Class					HE	AB	Tab Description
									0	1	2	3	4			
1	Screen Nature Platinum*	3	-	•	-	100% G	B1	M1	•	•	•	-	-	-	•	ECO PLATINUM
2	GreenScreen NRG Platinum	3	-	•	-	100% TCS	B1	-	-	-	•	•	-	-	-	
3	GreenScreen Xceed Platinum	4	-	•	-	100% P	B1	-	-	•	•	•	-	-	-	
4	GreenScreen Eco + Platinum	4	-	•	-	100% TCS	B1	-	•	•	-	-	-	-	-	
5	GreenScreen Revive	3	-	•	-	100% PET	B1	-	-	•	•	-	-	•	-	ECO NATURAL
6	Screen Nature	3	-	•	-	100% G	A2	M0	•	•	-	•	-	•	•	
7	GreenScreen Duotone	6	•	-	-	100% TCS	B1	-	•	-	-	-	-	•	-	
8	GreenScreen Eco	1-5-8	•	•	-	100% P	B1	M1	•	•	-	-	-	•	-	
9	Screen Satiné Platinum	4	-	•	-	42% G 58% PVC	B1	M1	-	•	-	-	-	•	-	ENDURIS PLATINUM
10	Screen Star	1-3-7	•	•	-	34% G 66% PVC	B1	M1	•	•	-	•	-	•	-	ENDURIS NATURAL
11	M-Screen	3-5	-	•	-	36% G 64% PVC	B1	M1	•	•	-	•	-	•	-	
12	Screen Panama	3-5-10	•	•	-	36% G 64% PVC	-	M2	•	•	-	•	-	•	-	
13	Screen Natté	10	•	-	-	34% G 66% PVC	B1	M1	•	•	-	-	-	•	-	
14	Aziza Flocké Black-Out	0	-	-	•	100% P	B1	-	-	-	-	-	•	•	-	BLACK-OUT
15	Nano Flex Black-Out	0	-	-	•	100% P	B1	M1	-	-	-	-	•	•	-	
16	XL Black-Out	0	-	-	•	100% P	B1	M1	-	-	-	-	•	•	-	

HE = Humid Environment • AB = Anti-Bacterial / Microbial

Environment

Card	Fabric Name	Material Composition	Virgin Material	Post-Consumer Recycled Material	PVC-Free	Low-VOC	Sanitized	Cradle-to-Cradle	Tab Description
1	Screen Nature Platinum*	100% G	100%	-	•	•	•	-	ECO PLATINUM
2	GreenScreen NRG Platinum	100% TCS	100%	-	•	•	-	-	
3	GreenScreen Xceed Platinum	100% P	100%	-	•	•	-	-	
4	GreenScreen Eco + Platinum	100% TCS	100%	-	•	•	-	-	
5	GreenScreen Revive	100% PET	20%	80%	•	•	-	-	ECO NATURAL
6	Screen Nature	100% G	100%	-	•	•	•	-	
7	GreenScreen Duotone	100% TCS	100%	-	•	•	-	-	
8	GreenScreen Eco	100% P	100%	-	•	•	-	•	
9	Screen Satiné Platinum	42% G 58% PVC	100%	-	-	•	-	-	ENDURIS PLATINUM
10	Screen Star	34% G 66% PVC	100%	-	-	•	-	-	ENDURIS NATURAL
11	M-Screen	36% G 64% PVC	100%	-	-	•	-	-	
12	Screen Panama	36% G 64% PVC	100%	-	-	•	-	-	
13	Screen Natté	34% G 66% PVC	100%	-	-	•	-	-	
14	Aziza Flocké Black-Out	100% P	100%	-	•	•	-	-	BLACK-OUT
15	Nano Flex Black-Out	100% P	100%	-	•	•	-	-	
16	XL Black-Out	100% P	100%	-	•	•	-	-	

*Preliminary data June 2012, subject to change

Legend Material Properties

Composition	
Abbreviation	Description
G	Fibreglass
P	Polyester
PET	Polyethylene Terephthalate
PVC	Poly Vinyl Chloride
TCS	(Polyester) Trevira CS

Fire Resistance Rating	
Norm and Rating	Description
DIN4102 A2	Fireproof
DIN4102 B1	Difficult to ignite
NF P-92503 M0	Fireproof
NF P-92503 M1	Impossible to ignite
NF P-92503 M2	Difficult to ignite

Environment

Logo	Description

GreenScreen® SOLAR SHADING FABRICS — **'GreenScreen'** is a registered trademark of Hunter Douglas for PVC-free, mostly polyester based, flame retardent fabrics.

Enduris® GLASS CORE — **'Enduris'** is a registered trademark of Hunter Douglas for stable and resistant flame retardent screen fabrics made of stretch free glass core yarns with a durable PVC coating. These fabrics have superior dimensional stability and last longer tha n most other fabrics. They have the advantage of remaining in use for a long period before they enter into the waste chain.

PVC Free — **'PVC Free'** is a logo with Hunter Douglas copyright for fabrics which do not contain PVC.

Low VOC — **'Low VOC'** is a logo with Hunter Douglas copyright for fabrics which have a low emission of Volatile Organic Compounds. VOCs are organic chemicals that can have a nasty smell and are dangerous to human health or otherwise cause harm to the environment. We constantly strive to back the low VOC claim with up-to-date "GreenGuard" and free of harmful substances "Oekotex standard 100" certificates for as many fabrics as possible.

Sanitized® More than clean — **'Sanitized'** is a registered trademark of the Swiss company Sanitized AG. Fabrics with this logo have a good anti-microbial effect and are particularly suited for application in hospitals, medical centres, day care centres and homes for the elderly.

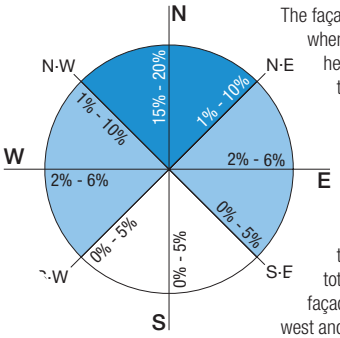
CERTIFIED cradletocradle BASIC — **'Cradle to cradle Certified'** is a certification mark licensed by the Cradle to Cradle Products Innovation Institute. Fabrics with this logo contain materials than can remain within closed-loop industrial cycles and used for upcycling in new products.

This common logo is used for fabrics which are made of (partly) post-consumer recycled content. The objective of using recycled material is to prevent wasting potentially useful materials, reduce consumption of fresh raw materials, reduce energy usage, reduce air and water pollution, and lower greenhouse gass emissions as compared to virgin production.

Legend Fenestration Properties - Visual Comfort

Light Values		
Picto	Abbreviation	Description
	Rv	Visual light reflection
	Tv diff	Diffuse visual light transmission
	Tv dir	Direct visual light transmission
	Glc	Glare class
	Tuv	UV transmission
	Suitable for computer work according to 90/270/EEC	

Many factors influence the lighting conditions in an office. Important factors are: geographical location, season, weather and time of day, but also the building itself, façade orientation, the floor, the type of glass, the size of the window(s), available window coverings and artificial lighting. For the highest visual comfort, 500 to 1500 lux on the working spot is ideal. Hindering glare should also be reduced to the minimum. Next to the interior design aspect with different available styles and colours, this asks for an analysis per room and a tailored roller blind solution to cope with the continuously changing light circumstances. Our fabric collection offers a wide range of fabrics with various openness factors, from ultra-transparent to black-out, with translucent, opaque and coated yarns, to get to the right amount of comfortable diffuse light.



The façade orientation is an important factor to consider when it comes to light exposure. On the northern hemisphere for example, on an annual basis, the south side of a building receives a lot more light than the north. For environments in which people work at computer screens it is therefore recommended to use fabrics which filter at least 80% of the light. The more the façade is directed to the south, the more light should be filtered. On our data sheets you will find the total amount of light (Tv diff + Tv dir = Tv tot) which is transmitted into the room. For north façades maximum 1-20% transmission is advised, for west and east façades 2-6% and for south façades 0-5%.

Influence on visual comfort					
Class	0	1	2	3	4
	Very little effect	Little effect	Moderate effect	Good effect	Very good effect

Glare control - Classification				
Tv dir	Tv diff			
	< 2	2 ≤ / < 4	4 ≤ / < 8	≥ 8
> 10	0	0	0	0
5 < / ≤ 10	1	1	0	0
≤ 5	3	2	1	1
= 0	4	3	2	2

Visual contact with the outside - Classification			
Tv dir	Tv diff		
	0 < / ≤ 4	4 < / ≤ 15	> 15
> 10	4	3	2
5 < / ≤ 10	3	2	1
≤ 5	2	1	0
= 0	0	0	0

Night privacy - Classification			
Tv dir	Tv diff		
	0 < / ≤ 4	4 < / ≤ 15	> 15
> 10	0	0	0
5 < / ≤ 10	1	1	1
≤ 5	3	2	2
= 0	4	3	2

Legend Fenestration Properties - Thermal Comfort

Light Values		
Picto	Abbreviation	Description
	Rs	Solar reflection
	Ts	Solar transmission
g	gB	g-Value glass type B
g	gC	g-Value glass type C
g	gD	g-Value glass type D

Thermal comfort

EN 14501: Performance characteristics and classification of a solar protection device with regard to visual and thermal comfort. The standard defines the technical characteristics of typical glazings for the calculation of the g-value and classifies the thermal comfort.

Glazing	U (W/m²K)	g	Ts	Rs	Rs'
B	2.9	0.76	0.69	0.14	0.14
C	1.2	0.59	0.49	0.29	0.27
D	1.1	0.32	0.27	0.29	0.38

Influence on thermal comfort					
Class	0	1	2	3	4
	Very little effect	Little effect	Moderate effect	Good effect	Very good effect

Total solar energy transmittance g-value - Classification					
Class	0	1	2	3	4
g-value	g ≥ 0.50	0.35 ≤ g < 0.50	0.15 ≤ g < 0.35	0.10 ≤ g < 0.15	g < 0.10

QR-Code

Underneath every large fabric sample on the fabric cards you will find a QR (Quick Response) code. If not already available, download a free QR code reader from your app store and scan the code to find a convenient way to e-mail a digital collection card and / or roller blind brochure via the web browser of your smart phone or tablet. Check out the QR code regularly for new possibilities.

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