

## Solar Gain

The amount of heat increase resulting from solar energy entering a room. It is the total of three separate parts - the amount of energy transmitted directly into the room, the energy which is absorbed by the blind and a proportion of the energy which is absorbed by the window.

## Shading Co-efficient

The solar heat gain with the blind at the window divided by the solar heat gain with no blind at the window. The lower the shading co-efficient, therefore, the higher the efficiency of the fabric.

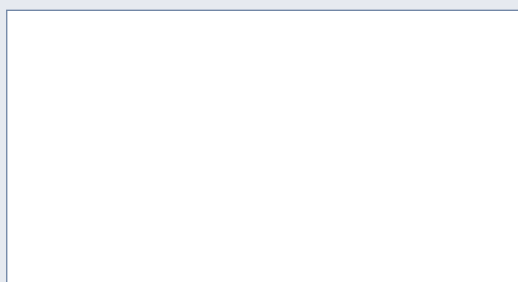
## Quick Reference Factor (QRF)

The QRF provides an easy reference for the relative efficiencies of performance fabrics. The rating ranges from 0 to 10. The higher the rating the more efficient the fabric.

Uniline® Solar & Optical Performance Chart																		
	Solar			Visible			UV Block %	Sun Block %	QRF	CF	g <sub>tot</sub>				SC			
	TS %	RS %	AS %	TV %	RV %	AV %					SG	DG	TG	DCLE	SG	DG	TG	DCLE
Ash	39%	1%	60%	56%	0%	44%	100%	100%	5	6	0.45	0.47	0.45	0.48	0.51	0.54	0.51	0.55
Chalk	56%	1%	43%	78%	0%	22%	100%	100%	7	6	0.36	0.39	0.39	0.40	0.41	0.45	0.44	0.46
Ivory	53%	1%	46%	71%	0%	29%	100%	100%	6	6	0.37	0.40	0.40	0.42	0.43	0.46	0.46	0.48
Latte	59%	0%	41%	69%	0%	31%	100%	100%	6	6	0.34	0.38	0.37	0.39	0.39	0.43	0.43	0.45
Noir	4%	0%	96%	4%	0%	96%	100%	100%	0	6	0.62	0.62	0.57	0.64	0.72	0.72	0.66	0.74
Vellum	74%	0%	26%	86%	0%	14%	100%	100%	8	6	0.26	0.31	0.32	0.32	0.30	0.35	0.37	0.37

**T:** % Transmittance. **R:** % Reflectiveness. **A:** % Absorption. **UV Block:** Percentage of UV light blocked by the fabric. **Sun Block:** The % of total light blocked by the fabric. **QRF:** Quick Reference Factor **CF:** Colour Fastness. **g<sub>tot</sub>:** The solar factor entering a building through a window and the shading device combined. **SC:** Shading Co-efficient. **SG:** Single Glazing. **DG:** Double Glazing. **TG:** Triple Glazing. **DGLE:** Double Glazed Low Emissivity.

Uniline® fabrics supplied by:





Uniline<sup>®</sup>

Performance  
Blackout  
FR Fabric

Uniclass	EPIC
CI/SfB	
(76.79)	Tn6

## Uniline® Wider Width Specification

The Uniline collection offers a wide width PVC fabric. Available in 6 colours, with a roller width of 2.44m and a vertical width of 127mm.

Boasting both the Green Guard and Confidence of Textiles standards, Uniline offers a durable, fire retardant, moisture resistant PVC fabric. The extensive fabric properties combined with the wide widths available in Uniline make it the perfect choice for the contract market.

Uniline® Specification	
Colour Range	6
Roller Roll Width	2.44m
Louver Width	127mm
Fabric Composition	3 Ply Vinyl, 1 Ply Fibreglass
Fabric Weights	530g/m <sup>2</sup>
Fabric Thickness	0.38mm
Flammability Standards	BS5867: 2008 Part 2 Type B in accordance with BS EN ISO 15025:2002 Procedure A
Cleaning	Fabric can be wiped with a damp cloth
Colour Fastness	Grade BS 6
Availability	Ex-stock
Samples	Fabric samples available on request



Roller



Vertical 127mm



Blackout



Flame Retardant



Recommended for Moist Conditions



Easiwipe



Recommended for Office Environments



ROOF



Multi-Directional Fabric



## Uniline®



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Chalk  
RP2050 - 2.44m  
LP2018 - 127mm



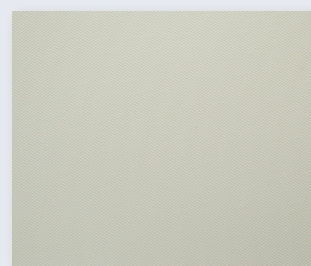
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Ivory  
RP2051 - 2.44m  
LP2019 - 127mm



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Vellum  
RP2052 - 2.44m  
LP2020 - 127mm



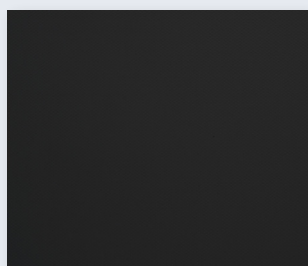
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Latte  
RP2055 - 2.44m  
LP2023 - 127mm



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Ash  
RP2053 - 2.44mm  
LP2021 - 127mm



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Noir  
RP2054 - 2.44mm  
LP2022 - 127mm

