

SOLAR AND OPTICAL PROPERTIES

SOLAR GAIN

The amount of heat increase resulting from solar energy entering a room. It is the total of 3 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.

GTOT

The total solar energy transmittance entering a building through a window and shading device combined. It is the ratio of total energy hitting the building and the amount that gets through the glazing and shading. The lower the gtot value the lower the heat gain to the building.

UNIVIEW®

ZERO

0% 

UNIVIEW® ZERO SOLAR & OPTICAL PERFORMANCE																		
	Solar			Visible			UV	QRF	CF	GTOT				SC				
	RS %	TS %	AS %	RV %	TV %	AV %	Block %			SG	DG	TG	DGLE	SG	DG	TG	DGLE	
Uniview® Zero																		
Cameo	74	0	26	84	0	16	100	8	6+	0.26	0.30	0.32	0.32	0.30	0.35	0.37	0.37	
Chalk	70	0	30	84	0	16	100	8	6+	0.28	0.32	0.34	0.34	0.33	0.37	0.39	0.39	
Ebony	70	0	30	84	0	16	100	8	6+	0.28	0.32	0.33	0.34	0.32	0.37	0.38	0.39	
Glacier	70	0	30	82	0	18	100	8	6+	0.28	0.32	0.33	0.34	0.32	0.37	0.38	0.39	
Sandstorm	74	0	26	85	0	15	100	8	6+	0.26	0.31	0.32	0.32	0.30	0.35	0.37	0.37	
Shell	71	0	29	82	0	18	100	8	6+	0.28	0.32	0.33	0.34	0.32	0.37	0.38	0.39	

GLOSSARY

T: % Transmittance.
R: % Reflectiveness.
A: % Absorption.
UV Block: Percentage of UV light blocked by the fabric.

QRF: Quick Reference Factor.
CF: Colour Fastness.
gtot: 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 Glazing Low Emissivity.

UNIVIEW®

ZERO

0%

Uniview® Zero provides the contract environment with the best in blockout solar shading solutions, offering a high-quality fabric with technical and aesthetic standards as determined by today's residential, commercial, education and healthcare applications.

Uniview® Zero fabrics are durable, washable and will not fray. The fabric is fire retardant, non-toxic, UV resistant and is fungal resistant.

UNIVIEW® ZERO SPECIFICATION

Colour Range	6
Roller Roll Length	20m
Roller Roll Width	2m
Fabric Composition	30% Polyester, 70% PVC, foamed backing
Mesh/cm	19 x 19
Mesh Weight	560g/m2
Yarn Diameter	0.32mm x 0.32mm
Thickness	0.60mm
Breaking Strength	253 x 263lbs ASTM D5035
Abrasion Resistance	>1000 (ASTM D4966)
Openness Factor	0%
Care & Washing	Do not soak. Clean by gently wiping with a sponge.
Availability	Ex-stock
Colour Fastness	BS EN ISO 105 - B02:1999 (colour fastness to artificial light Std 6)
Flammability Standards	BS 5867 (2008 Part 2, Type B) in accordance with BS EN ISO 15025:2002 Procedure A
Anti-Fungal	ASTM G21
Property	Blockout
Samples	Fabric samples available on request

**UNIVIEW****ZERO****CHALK**

RPU670

**SHELL**

RPU671

**GLACIER**

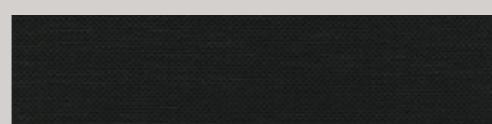
RPU672

**SANDSTORM**

RPU674

**CAMEO**

RPU673

**EBONY**

RPU675