Uniview®

ZERO

Blackout Solar Protection

Uniclass	EPIC
CI/SfB (76.79) Tn6	

Uniview® Zero - Blackout Solar Protection

Uniview® Zero is designed to satisfy the highest technical and aesthetic standards as determined by today's residential, commercial, educational and healthcare applications. Providing the best in blackout solar shading solutions, 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/m^2
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	Blackout
Samples	Fabric samples available on request


Roller Fabric


Flame Retardant

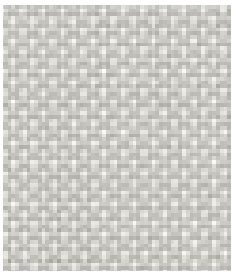

Office Environments


Moist Conditions

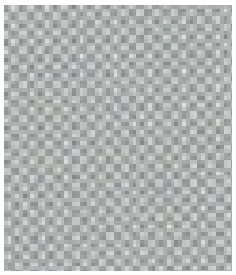

Single Directional Fabric


Blackout Fabric

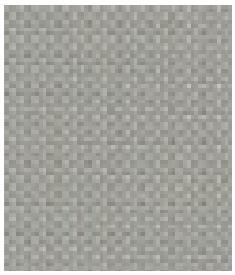
Chalk
RPU670



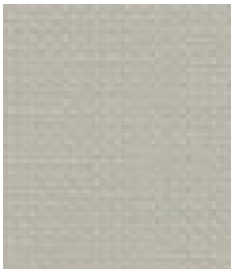
Shell
RPU671



Glacier
RPU672



Sandstorm
RPU674



Cameo
RPU673

Ebony
RPU675

GREENGUARD®
Indoor Air Quality Certified

Solar, Optical & Colour Fastness Properties

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 the proportion of 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, 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.

SOLAR & OPTICAL PERFORMANCE CHART

Uniview® Zero	Solar			Visible			UV	QRF	CF	GTOT				SC			
	RS %	TS %	AS %	RV %	TV %	AV %	Block %			SG	DG	TG	DGLE	SG	DG	TG	DGLE
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

T: % Transmittance
R: % Reflectiveness
A: % Absorption
SC: Shading Co-efficient
CF: Colour Fastness
UV Block: Percentage of UV light blocked by the fabric

G Tot: The solar factor entering a building through a window and shading device combinded.
SG: Single Glazing
DG: Double Glazing
TG: Triple Glazed
DG LE: Double Glazed Low Emissivity