

SOLAR, OPTICAL & COLOUR FASTNESS 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

G-TOT

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

		VOILES SOLAR & OPTICAL PERFORMANCE																	
		Solar			Visible			UV Block %	Solar Block %	QRF	CF	GTOT			SC				
Amico	Breva	47	42	11	49	42	8					59	5	5+	0.49	0.48	0.47	0.45	0.56
	Vanilla	47	41	12	49	41	10	78	58	5	5+	0.49	0.48	0.47	0.45	0.56	0.55	0.53	0.51
Mood	Cosmic	29	50	20	29	49	22	62	50	3	7	0.61	0.58	0.46	0.48	0.70	0.66	0.53	0.55
	Cotton	39	50	6	42	55	3	61	45	4	5	0.56	0.53	0.43	0.45	0.64	0.61	0.49	0.52

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.

VOILES



VOILES

AMICO
& MOOD
SHEER FABRIC

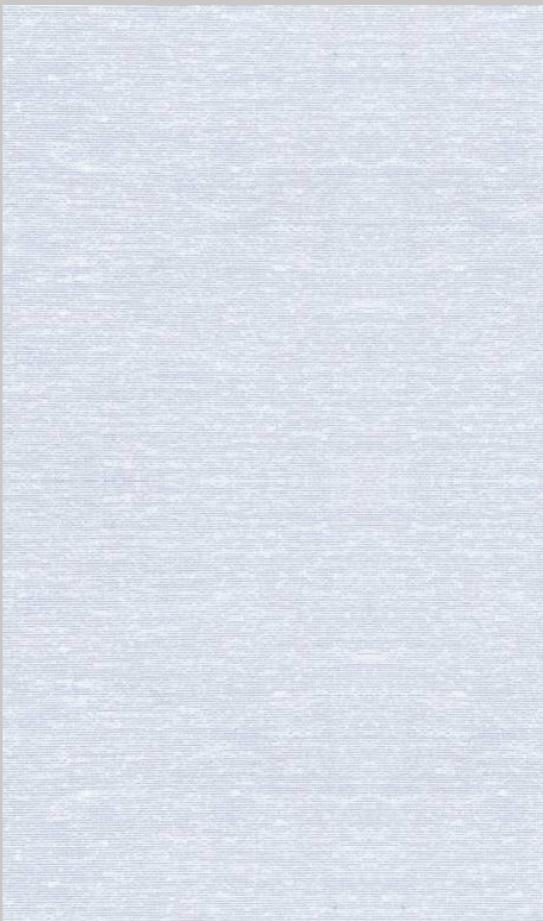
Presenting sheer, lightweight fabrics complete with FR properties, the Voiles are intricately woven fabrics. Voiles consists of 2 ranges - Mood and Amico.

Made up of 2 colourways, Mood is available in a 2m wide roller and 89mm vertical fabric. Amico offers 2 colourways available as a 2.4m wide roller fabric.

VOILE SPECIFICATION		
Range	Amico	Mood
Colour Range	2	2
Roller Roll Width	2.4m	2m
Roller Roll Length	30m	30m
Vertical Width	N/A	89mm
Vertical Roll Length	N/A	100m
Fabric Composition	100% Polyester	100% Polyester
Weight	123g/m ²	123g/m ²
Thickness	0.33mm	0.33mm
Flammability Standards	BS5687 / B1	BS 5867-2: 2008 Type B
Direction on Roll	Single Directional	Multi Directional
Colour Fastness	BS EN ISO BO2 - Grade 5	BS EN IOS 105 - B02 : 2014 - Grade 7



AMICO



BREVA

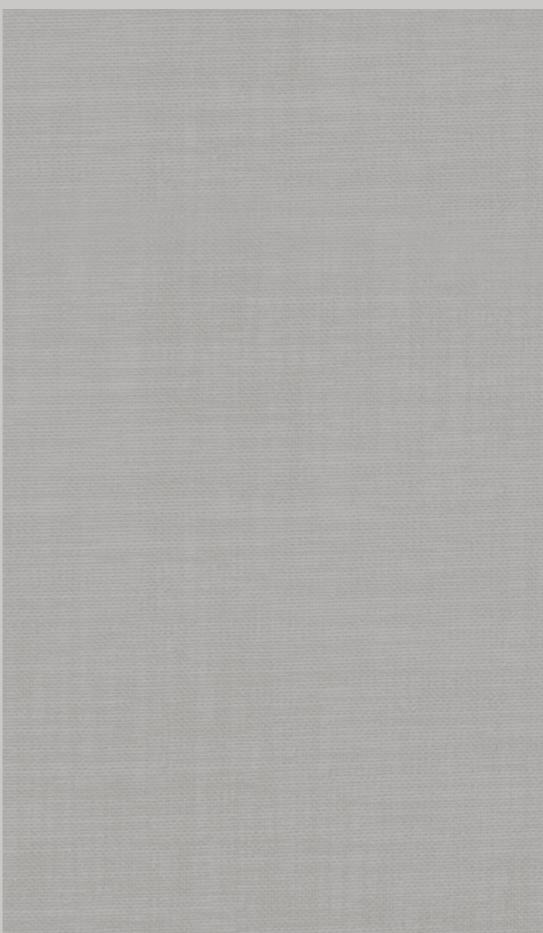
RP4095 - 2.4m



VANILLA

RP4096 - 2.4m

MOOD



COSMIC

RP5113 - 2m
LP5113 - 89mm



COTTON

RP5114 - 2m
LP5114 - 89mm