

TECHNICAL SPECIFICATION



SheerWeave 4500 is a 2x2 basketweave screen. It is 5% open and is suitable for most environments. The broad range of colours, wide width, good value, excellent commercial and green credentials make it the go-to fabric for both domestic and commercial applications.

SheerWeave 4500 can also be used as an external product.

SW4500 is manufactured using DOW ECOLIBRIUM bio based plasticizers, rather than fossil fuel based plasticizers. DOW Ecolibrium does not detract from the sunscreen's appearance or performance, and provides a sustainable green alternative to traditional sunscreens, without the PVC smell.

Specification Statement:

Fabric to be SheerWeave 4500, a 2 x 2 basketweave that is 5% open. SheerWeave 4500 is to feature the following certifications: DOW Ecolibrium (bio based plasticizers with no PVC smell), Microban anti bacterial certification and Greenguard indoor air quality certification.

Product Classification:	Roller Roman Panel Sliding Panel Outdoor
Opacity:	5% Screen
Composition:	25% Polyester, 75% Vinyl on Polyester (over 50% of compound components are derived from crop based feed stocks and minerals. Over 2/3 of total compound is derived from non fossil fuel based feed stocks)
Fabric Width:	2500 3200mm
Weight:	488 g/m2
Environment:	Interior and External use
Fire Retardant:	AS1530 Part III California US Title 19 (small scale) NFPA 701 – 2004TM#1 (small scale) BS5867 2008 Part II Type B
Certifications:	DOW Ecolibrium (Bio based plasticizers) Microban antimicrobial additives GREENGUARD Mould and bacteria Standard GREENGUARD certified GREENGUARD for Children and Schools Lead Free No PVC smell
Accoustical Performance:	NRC (Noise Reduction Coefficient) and SAA (Sound Absorption Average) tested in accordance with ASTM C423-09a. NRC .15 / SAA .17
Fabric Orientation:	Multi-Directional
Cleaning:	Fabric should be regularly dusted/vacuumed. May be wiped with warm water and mild detergent.
Warranty:	10 Year Internal 5 Year External

Solar Optical Properties Shading Coefficient

Colour	TS	RS	AS	TV	3mm CL	6mm CL
White	12	74	14	11	0.26	0.27
White Grey	10	49	41	11	0.44	0.43
White Linen	13	62	25	13	0.35	0.35
White Stone	12	61	27	12	0.36	0.36
Blue Grey	10	48	42	13	0.39	0.38
Linen	10	47	43	11	0.45	0.44
Grey	7	29	64	10	0.50	0.48
Dune Grey	11	36	53	12	0.47	0.44
Sandstone	8	40	52	9	0.36	0.36
Charcoal Grey	7	10	83	10	0.70	0.67
Charcoal Tan	6	18	76	9	0.57	0.52
Charcoal Bronze	7	5	88	9	0.73	0.70
Charcoal	5	3	92	7	0.74	0.70

TS = Solar Transmittance

AS = Solar Absorption

3mm CL = 3mm Clear Glass

RS = Solar Reflectance

TV = Visual Transmittance

6mm = 6mm Clear Glass

