

M-Screen

TECHNICAL DATA

COMPOSITION	36% Fibreglass 64% PVC	
FIRE CLASSIFICATION	M1 (F) BS (GB) FR (USA) AS (AUS) C UNO (IT) B1 (CN)	NFP 92 503 476 Pt 6 Class 0 NFPA 701 - 99 TM #1 California US Title 19 AWTA Tested AS 1530 part 2 and 3 * UNI 9177 GB 50222-95
OPENNESS FACTOR	Average 5%	
UV BLOCKAGE	Between 90 & 96%	
WIDTHS	155-200-250-310cm (depending on colour)	
PATTERN	Basket weave 1 x 2	
YARN COUNT	Warp Weft	22 yarns/cm ± 5% 20 yarns/cm ± 5% ISO 7211/2
WEIGHT PER M²	410g ± 5% ISO 2286 - 2	
THICKNESS	0.55mm ± 5% ISO 2286 - 3	
BREAKING STRENGTH	Warp Weft	> 150 daN/5cm > 150 daN/5cm ISO 1421
ELONGATION TO BREAK POINT	Warp & Weft	< 5% ISO 1421
TEAR RESISTANCE	Warp & Weft	6 ≥ 10 daN Internal procedure
RESISTANCE TO FOLD	Warp & Weft	≥ 20 daN/5cm Internal procedure
COLOUR FASTNESS TO LIGHT	7/8 Scale of 8	White not graded ISO 105 B02
MARKING	Digital printing / Screen printing Transfer / Paint / Adhesive	
MAKING-UP	Welding (thermal, high frequency, ultrasonic) or sewing	

THERMAL & OPTICAL PROPERTIES (ASHRAE 74-73)

Average Openness Factor of 5%

COLOURS	Fabric			Fabric & glazing		Tv	modulight®			
	Ts	Rs	As	1/4" Cl	1/4" H.A.		NL	EC	HP	CV
0205 White Canary	25	56	19	0.42	0.37	17	21	14	25	21
0705 Pearl Canary	19	41	40	0.50	0.41	14	18	21	21	22
0781 Pearl Parrot	17	38	45	0.52	0.41	13	18	22	19	22
0709 Pearl Mandarin	18	38	44	0.52	0.42	9	17	22	19	22
0703 Pearl Turquoise	13	32	55	0.54	0.43	9	16	22	19	22
0241 White Ultramarine	9	37	54	0.50	0.41	10	18	22	20	22
2041 Linen Ultramarine	12	27	61	0.57	0.44	9	16	23	17	23
0207 White Pearl	16	49	35	0.44	0.38	12	20	20	23	22
0720 Pearl Linen	19	40	41	0.51	0.41	13	18	22	19	22
0707 Pearl	15	35	50	0.53	0.42	11	16	22	19	22
0721 Pearl Lotus	18	40	42	0.51	0.41	13	18	22	19	22
0710 Pearl Sable	18	33	49	0.55	0.43	11	16	22	19	23
0771 Pearl Apricot	22	38	40	0.53	0.42	13	17	22	19	22
0210 White Sable	20	48	32	0.46	0.39	12	20	20	23	22
2020 Linen	18	51	31	0.44	0.37	12	19	20	23	22
2022 Linen Stone	23	48	29	0.47	0.39	15	20	20	23	22
0222 White Stone	22	56	22	0.41	0.36	15	21	14	25	21
0220 White Linen	21	56	23	0.41	0.36	15	21	14	25	21
0221 White Lotus	24	54	22	0.43	0.37	18	21	14	25	21
0202 White	20	63	17	0.36	0.33	15	21	14	26	20
0201 White Grey	11	43	46	0.47	0.39	11	19	21	21	22
0121 Grey Lotus	14	26	60	0.58	0.45	11	16	22	19	23
3021 Charcoal Lotus	10	15	75	0.64	0.48	10	16	23	17	23
0151 Grey Huntergreen	8	16	76	0.63	0.47	7	15	23	15	24
0141 Grey Ultramarine	8	15	77	0.64	0.48	7	15	23	15	24
3001 Charcoal Grey	6	10	84	0.66	0.49	7	14	25	12	25
3051 Charcoal Huntergreen	8	7	85	0.69	0.50	9	14	25	12	25
3041 Charcoal Ultramarine	8	6	86	0.69	0.51	9	14	25	12	25
3030 Charcoal	6	5	89	0.69	0.51	7	14	25	12	25
3006 Charcoal Bronze	6	7	87	0.68	0.50	7	14	25	12	25
3010 Charcoal Sable	7	12	81	0.65	0.49	7	15	24	15	24
3071 Charcoal Apricot	7	13	80	0.65	0.48	7	14	24	15	24
3009 Charcoal Mandarin	7	13	80	0.65	0.48	5	14	24	14	24
3081 Charcoal Parrot	6	13	81	0.65	0.48	6	15	24	15	24
3091 Charcoal Sky	6	12	82	0.65	0.48	6	15	24	15	24

COMFORT FACTORS



NL	EC	HP	CV
21	14	25	21
18	21	21	22
18	22	19	22
17	22	19	22
16	22	19	22
18	22	20	22
16	23	17	23
20	20	23	22
18	22	19	22
16	22	19	22
18	22	19	22
16	22	19	23
17	22	19	22
20	20	23	22
19	20	23	22
20	20	23	22
21	14	25	21
21	14	25	21
21	14	25	21
21	14	26	20
19	21	21	22
16	22	19	23
16	23	17	23
15	23	15	24
15	23	15	24
14	25	12	25
14	25	12	25
14	25	12	25
14	25	12	25
15	24	15	24
14	24	15	24
14	24	14	24
15	24	15	24
15	24	15	24

* Complies with the General Requirements of the Building Code of Australia for Fire Hazard Properties of materials in buildings. Not suitable for use in parts of buildings with Special Requirements, i.e. fire isolated exits; public corridors leading to a fire isolated stairway, passageway or ramp; a patient care area of health care buildings; and in a public assembly building (eg. theatre or hall) not protected with a sprinkler system.
 ^ Available for download at mermet.com.au



for more detailed ecological and/or health information on this product refer to www.ecospecifier.org



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