

Uniview Range

Sonnergy measured optical properties data
Internal blind configuration
Side b: Glazing side

Blind Fabrics

Integrated Optical Properties, Total Solar Energy Transmittance and Shading Coefficients

Sample No.	Fabric Name	Fabric Colour	Solar Reflectance (%)	Visible Reflectance (%)	Solar Transmittance (%)	Visible Transmittance (%)	Solar Absorptance (%)	Visible Absorptance (%)	UV Blockage (%)	Solar Blockage (%)	Single Clear Glass		Double Clear Glass		Triple Clear Glass		Double Clear low-e	
											Total Solar Energy Trans (g)	Shading Coeff (SC)	Total Solar Energy Trans (g)	Shading Coeff (SC)	Total Solar Energy Trans (g)	Shading Coeff (SC)	Total Solar Energy Trans (g)	Shading Coeff (SC)
7	Uniview 1000	Limestone	75%	86%	12%	10%	14%	4%	100	88	0.28	0.33	0.32	0.36	0.33	0.37	0.33	0.37
8	Uniview 1000	Pale Ochre	63%	72%	8%	5%	29%	23%	100	92	0.33	0.38	0.36	0.42	0.36	0.42	0.38	0.43
9	Uniview 1000	Canvas	53%	60%	5%	3%	42%	37%	100	95	0.38	0.44	0.41	0.47	0.40	0.46	0.42	0.48
10	Uniview 1000	Admiral Grey	29%	32%	2%	0%	70%	68%	100	98	0.50	0.57	0.51	0.59	0.48	0.56	0.53	0.61
11	Uniview 1000	Fossil	7%	7%	0%	0%	93%	93%	100	100	0.61	0.70	0.61	0.70	0.56	0.64	0.63	0.72
12	Uniview 3000	Crystal	70%	81%	18%	16%	12%	3%	95	82	0.32	0.37	0.34	0.40	0.35	0.40	0.35	0.40
13	Uniview 3000	Beige	56%	63%	20%	16%	24%	20%	92	80	0.40	0.46	0.41	0.47	0.40	0.46	0.42	0.48
14	Uniview 3000	Soft Steel	39%	43%	9%	6%	51%	51%	95	91	0.46	0.53	0.47	0.54	0.45	0.52	0.49	0.56
15	Uniview 3000	Pearl Grey	48%	54%	11%	8%	41%	37%	95	89	0.42	0.48	0.44	0.50	0.42	0.48	0.45	0.51
16	Uniview 3000	Stellar	10%	11%	7%	6%	83%	83%	94	93	0.61	0.70	0.60	0.69	0.55	0.64	0.62	0.71
17	Uniview 3000	Black/Brown	7%	7%	6%	6%	86%	87%	94	94	0.62	0.71	0.62	0.71	0.56	0.65	0.63	0.72
18	Uniview 3000	Jet	3%	4%	6%	6%	90%	90%	94	94	0.64	0.74	0.63	0.73	0.58	0.66	0.65	0.75
19b	Uniview 3100	Winter White	70%	81%	19%	17%	11%	2%	96	81	0.32	0.37	0.34	0.40	0.35	0.40	0.35	0.40
20b	Uniview 3100	Linen	60%	69%	18%	15%	22%	16%	95	82	0.37	0.43	0.39	0.45	0.38	0.44	0.39	0.45
21b	Uniview 3100	Shadow	56%	64%	12%	9%	33%	27%	96	88	0.38	0.44	0.40	0.46	0.39	0.45	0.41	0.47
22b	Uniview 3100	Storm	53%	62%	8%	6%	39%	32%	97	92	0.39	0.45	0.41	0.47	0.40	0.46	0.42	0.49
23b	Uniview 3100	Nutmeg	47%	55%	7%	6%	45%	39%	95	93	0.42	0.48	0.44	0.50	0.42	0.48	0.45	0.52
24b	Uniview 3100	Twilight	47%	56%	7%	6%	46%	38%	95	93	0.41	0.48	0.44	0.50	0.42	0.48	0.45	0.52

EN 13363-1 Glazing U and g values

	U	g	D	D/D2
Single clr	5.7	0.85	4.33	0.24
Double clr	3	0.75	2.57	0.14
Triple clr	2	0.65	1.80	0.10
Dble low e	1.6	0.72	1.47	0.08

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