



Fenchurch
Solar Reflection 2300mm

DECORQUIP®



This high performance screen fabric combines the best of both worlds in terms of visual and thermal comfort.

- ☑ Reflects heat, filters natural daylight, and prevents glare
- ☑ Metallised backing provides a solar reflection of up to 83%
- ☑ Two openness factors - you can tailor the amount of light required in each space

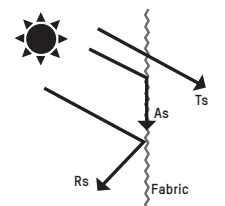


Technical details		
	Fenchurch 2%	Fenchurch 5%
Openness factor (%)		
Base material	100% PES	100% PES
Finish	Polymer coating, aluminium backing	Polymer coating, aluminium backing
Cleaning	Dry cloth	Dry cloth
Recommended cut method	Cold cut	Cold cut
Roller roll length	ca. 35m - 38yd	ca. 35m - 38yd
Roller width	2350mm - 92.5in	2350mm - 92.5in
Shrinkage	≤ 0.5%	≤ 0.5%
Weight	220g/m ² - 6.49oz/yd ²	195g/m ² - 5.75oz/yd ²
Thickness	0.38mm - 0.014in	0.4mm - 0.015in
Light fastness	ISO 105-B02: 2014 grade >6-7	ISO 105-B02: 2014 grade >6-7
Suitable for moist conditions	No	No
FR	BS 5867:2008 Part 2, Type B	BS 5867:2008 Part 2, Type B

Ts = Solar Transmittance
 Rs = Solar Reflectance
 As = Solar Absorptance
 Tv = Visual Transmittance
 Tuv = UV Transmittance

1/8 CL = 1/8" Clear Glass
 1/4 CL = 1/4" Clear Glass
 1/4 HA = 1/4" Heat Absorbing Glass

The solar optical properties are used to calculate the shading coefficient. The shading coefficient represents the percentage of solar heat gain that is transmitted to the interior through the glass and shading system. Darker colors provide maximum glare reduction and visibility.



Ts+Rs+As = 100% of solar energy

*Measurements according to EN410; Classification according to EN 14501: Blinds and Shutters - Thermal and visual comfort

Fenchurch 2%									
Optical Properties		Thermal Properties				Calculations based on reference glazing D			
Colour	Openness factor	Tv	Rs	Ts	As	Gtot/SHGC	Improvement %	UV Blockage	BREEAM Glare Class
White	2%	3%	83%	3%	14%	0.23	27.1%	98%	3
Ecru	2%	3%	81%	3%	16%	0.24	26.5%	97%	3
Taupe	2%	3%	83%	3%	14%	0.23	27.1%	97%	3
Mist	2%	3%	80%	3%	17%	0.24	26.2%	97%	3
Slate	2%	2%	83%	2%	15%	0.23	27.1%	98%	3
Charcoal	2%	2%	83%	2%	15%	0.23	27.1%	98%	3
Black	2%	2%	83%	2%	15%	0.23	27.1%	98%	3

Fenchurch 5%									
Optical Properties		Thermal Properties				Calculations based on reference glazing D			
Colour	Openness factor	Tv	Rs	Ts	As	Gtot/SHGC	Improvement %	UV Blockage	BREEAM Glare Class
White	5%	7%	83%	6%	11%	0.23	26.9%	94%	3
Ecru	5%	6%	83%	6%	11%	0.23	26.9%	94%	3
Taupe	5%	6%	83%	6%	11%	0.23	26.9%	94%	3
Mist	5%	6%	82%	6%	12%	0.23	26.7%	94%	3
Slate	5%	6%	82%	6%	12%	0.23	26.7%	94%	3
Charcoal	5%	5%	83%	5%	12%	0.23	27.0%	95%	3
Black	5%	5%	82%	5%	13%	0.23	26.7%	95%	3

Tests performed according to EN 14500: 2008-08 and EN 13363-1: 2003/07 / EN ISO 52022-1: 2017/07



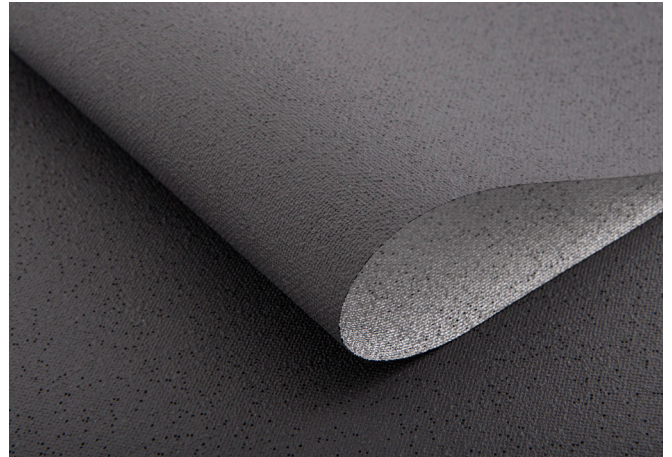
2% 4840RB235 | 5% 4850RB235 **White**



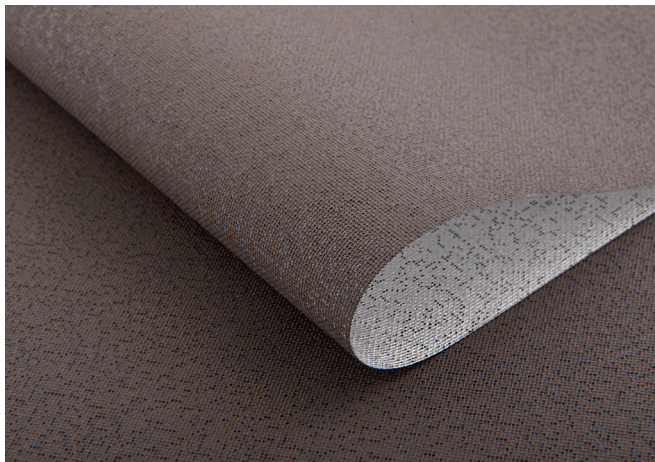
2% 4843RB235 | 5% 4853RB235 **Mist**



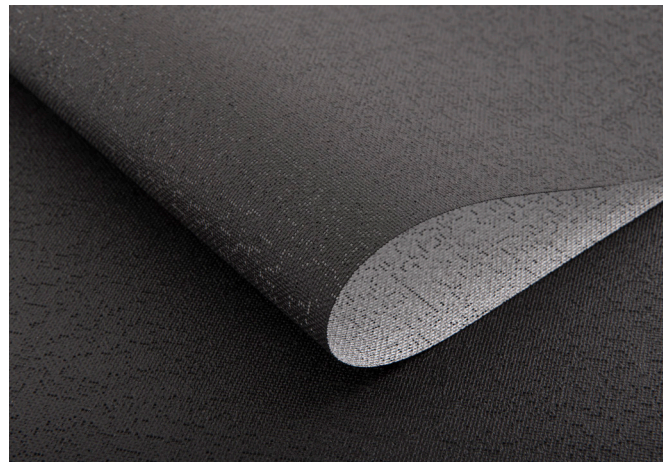
2% 4841RB235 | 5% 4851RB235 **Ecru**



2% 4844RB235 | 5% 4854RB235 **Slate**



2% 4842RB235 | 5% 4852RB235 **Taupe**



2% 4845RB235 | 5% 4855RB235 **Charcoal**



2% 4846RB235 | 5% 4856RB235 **Black**

Note that the appearance of colours may vary across different openness factors.