Southbank

Acoustic absorption 2400mm

DECORQUIP®

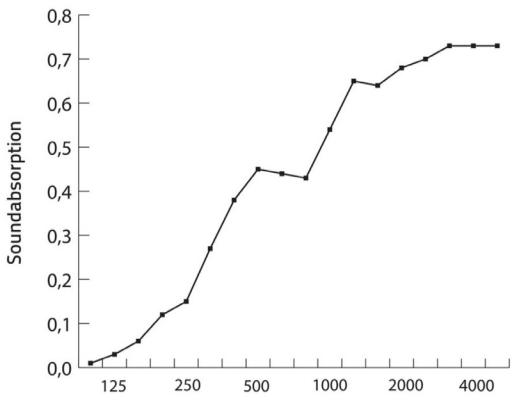
An exceptional fabric that absorbs noise and improves the acoustics in any space.

Southbank is also metallized with a thin layer of aluminium for a solar reflection of 63%.

- 7 natural and timeless colours
- The rib weave complements the contemporary colour range with texture
- Acoustic absorption allows for a softer and more welcoming space

	Fabric Name
Base material	100% Trevira CS
Finish	Impregnated
Cleaning	Dry cloth
Recommended cut method	Cold cut
Roller roll length	ca. 30m - 33yd
Roller width	2400mm - 94in
Shrinkage	≤ 3%
Weight	155g/m² - 4.57oz/yd²
Thickness	0.37mm - 0.014in
Light fastness	ISO 105-B02: 2014 grade >6-7
Suitable for moist conditions	No
FR	BS 5867:2008 Part 2, Type B

Acoustic measurement results



Sound absorption: The sound absorption coefficient (α_s) is the ratio of absorbed sound energy to the sound energy occurring. Tested in audible range of 125 - 4000 Hz.

α_s: Sound absorption by ISO 354.

α_w is determined out of individual α_s values. The assessment procedure is defined in DIN EN 11654*.

NRC: The 'Noise Reduction Coefficient" indicates the level of noise reduction as defined by the average sound absorption level at 250, 500, 1000 and 2000 Hz.

SAA: This is the average absorption of sound waves from 12 octave frequencies ranging from 200 - 2500 Hz.

f in Hz	125	250	500	1000	2000	4000	NRC	SAA	α_w
α_s	0,03	0,15	0,45	0,54	0,68	0,73	0,45	0,45	0,45**

* It exists of the following absorption classes:
A α_w = 0.90 - 1.00
B α_w = 0.80 - 0.85
C α_w = 0.60 - 0.75
D α_w = 0.30 - 0.55
E α_w = 0.15 - 0.25

** Southbank ranges in absorption class D. This is a very good classification in the area of flat woven textiles.

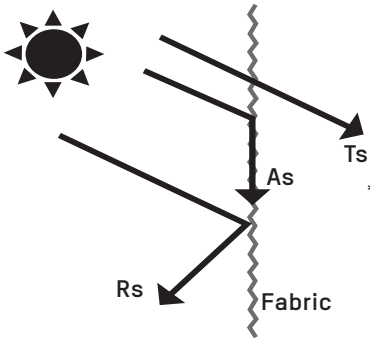
	Optical Properties		Thermal Properties			Calculations based on reference glazing D			
Colour	Openness factor	Tv %	Rs %	Ts %	As %	Gtot/ SHGC	Improvement %	UV Blockage	BREEAM Glare Class
White	1%	7%	63%	7%	30%	0.25	21.2%	93%	1
Mist	1%	6%	62%	7%	31%	0.25	20.9%	94%	1
Ecru	1%	6%	63%	6%	31%	0.25	21.3%	95%	1
Slate	1%	3%	63%	5%	32%	0.25	21.3%	97%	2
Taupe	1%	%	63%	4%	33%	0.25	21.3%	98%	3
Charcoal	1%	1%	61%	4%	35%	0.25	20.8%	99%	3
Black	1%	1%	56%	3%	41%	0.26	19.4%	100%	3

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

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.



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

Ts+Rs+As = 100% of solar energy

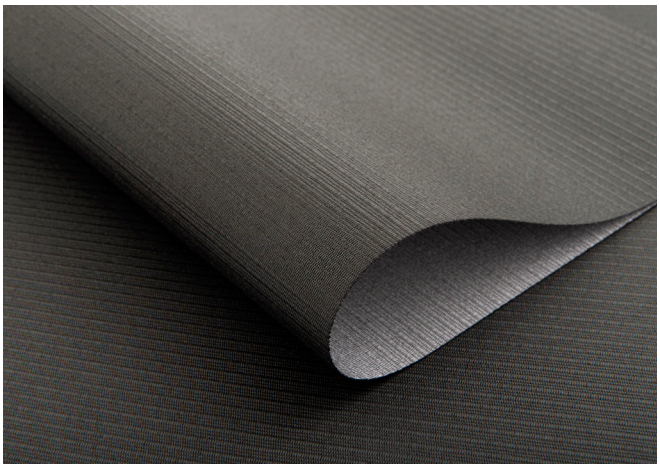
4830RB240 **White**

4835RB240 **Mist**

4831RB240 **Ecru**

4836RB240 **Slate**

4832RB240 **Taupe**



4833RB240 **Charcoal**

4834RB240 **Black**