



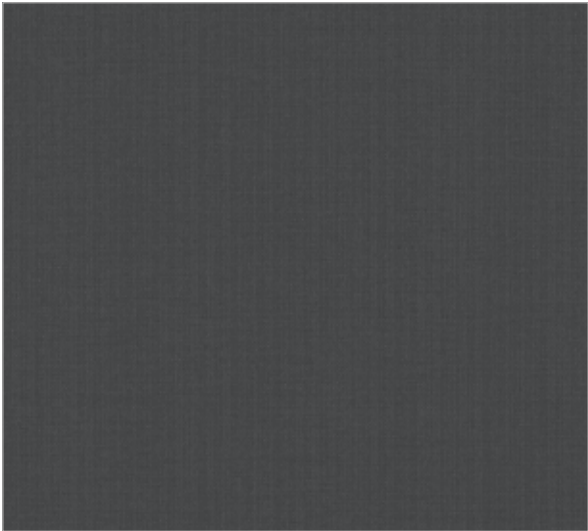
SCREEN
DIMOUT
BLACKOUT
ALUMINIUM
ACOUSTIC
MEDI CARE
FACADE

0%

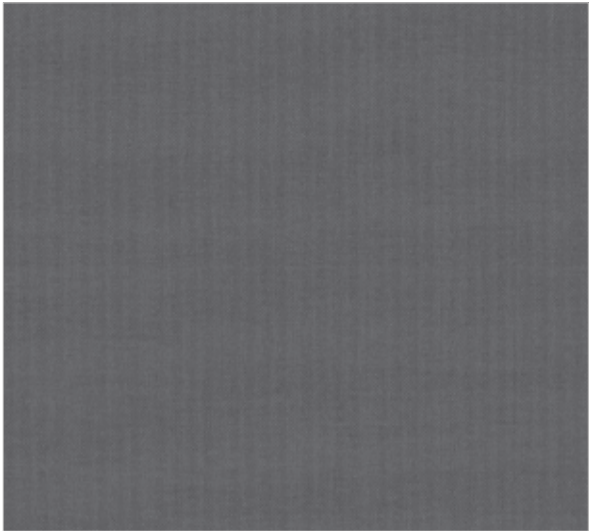
Opera Blackout Facade Medi Care

Opera Blackout Facade Medi Care

0%



80008 Charcoal



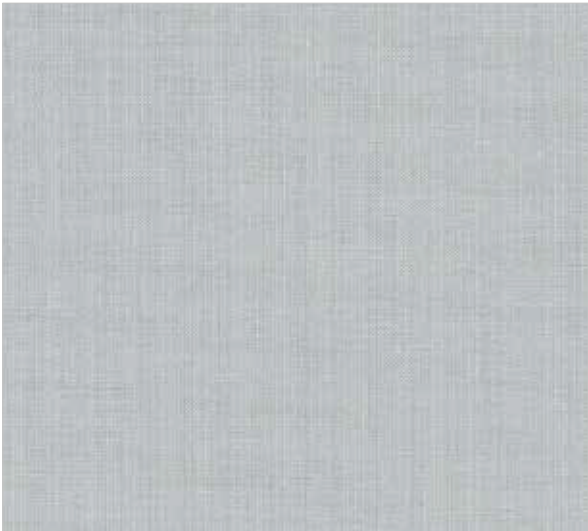
80009 Olive Grey



80010 Basalt



20004 Canvas



80000 Silver



13005 Pure White

Opera Blackout Facade Medi Care

0%



PVC-free



textile appearance



thin and light weight



invisible from the outside



protection against bacterial growth

colour	optical factors										thermal factors					
	fabric						classification				fabric				fabric + glazing	
	visible light (%)						glare control	night privacy	visual contact	daylight utilisation	solar radiation (%)				glazing D _{g=0,32 U_g=1,1}	
	T _v	R _v	A _v	T _{v,n-n}	T _{v,n-dif}	R _a					T _s	R _s	A _s	T _{UV}	g _{tot}	class
13005	0	9	91	0,0	0,0	79	4	4	0	0	0	8	92	0	0,30	2
20004	0	9	91	0,0	0,0	63	4	4	0	0	0	8	92	0	0,30	2
80000	0	9	91	0,0	0,0	74	4	4	0	0	0	8	92	0	0,30	2
80008	0	9	91	0,0	0,0	85	4	4	0	0	0	8	92	0	0,30	2
80009	0	8	92	0,0	0,0	77	4	4	0	0	0	7	93	0	0,30	2
80010	0	8	92	0,0	0,0	60	4	4	0	0	0	7	93	0	0,30	2

Data is measured according to EN 410:2011 and EN 14500:2021. Calculations of g_{tot} are defined according to EN ISO 52022-1:2017 using solar control double glazing type D ($g=0,32$; $U_g=1,1$). Other glazing types can be calculated on request.

Classifications: 0 (very little effect), 1 (little effect), 2 (moderate effect), 3 (good effect) and 4 (very good effect) refer to EN 14501:2021.

Invisible from exterior view



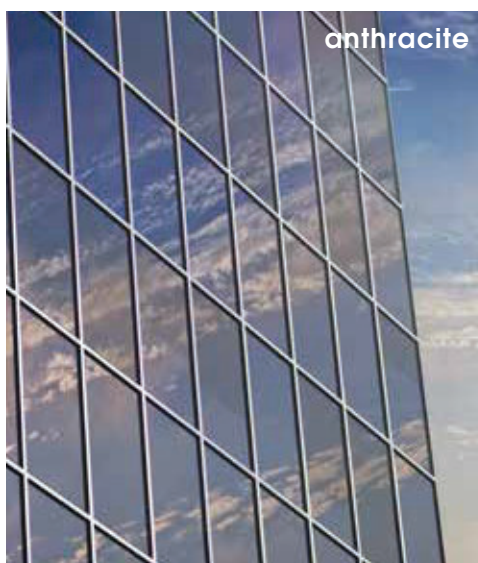
white

A roller blind's **white** foam backing causes an **irregular appearance** of facades.



black

Even a **black** fabric reverse side is **apparent** from the outside.



anthracite

An **anthracite** fabric backing guarantees a facade's **unified harmonic appearance** from the outside.



anthracite fabric backing

Opera Blackout Facade Medi Care

0%



Article		04-2001-3050 
Width		305 cm / 120"
Base material		100 % polyester
Weight approx.	EN 12127	320 g/m ² / 9,4 oz/yd ²
Thickness approx.	EN ISO 5084	0,41 mm / 0,016"
Openness factor OF	EN 14500	0 %
Flame retardancy		C1 / B-s2,d0 / NFPA 701 / California U.S. Title 19 / CAN/ULC S109
Sound absorption	EN ISO 10534-2	$\alpha_w = 0,15$
Light fastness (window side)	EN ISO 105-B02	min. 5-6
Tensile properties: Determination of max. force Elongation at max. force	EN ISO 13934-1	warp: > 80 daN - weft: > 80 daN warp: approx. 15 % - weft: approx. 23 %
Suitable for moist atmosphere		no
Manufacturing guidance		to cut with cold knife
Roll length approx.		32 m / 35 yd
Care instruction		vacuum cleaning

Testing of bacteriostatic activity in accordance with ASTM E 2149. Fabric contains biocidal product: Silverchloride.

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REACH
compliant



Sustainable building certificates

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