

PROJECT		REFERENCE TYPE		DATE	
SPECIFIED BY		QUANTITY		NOTE	

It's Your Choice...

Adding a color to your ceiling will turn an ordinary space into one that is memorable, or select your desired shade of white for a more universal approach and still obtain the acoustic performance that will improve the user experience.

Color Palette: Glossy

The membranes in this range have a glossy finish that produces a mirror effect. This feature allows even the smallest of interiors to visually gain more volume. The vast array of colors and shades enables you to create a bold statement in virtually any setting.



Part N°	NAME	FIRE CLASS: ASTM E84
L 5059	ALABASTER	Class A
L 5063	OPAL	Class A
L 5024	LEMON	Class A
L 5022	PIRYTHE	Class A
L 5049	FLUORITE	Class A
L 5021	AMBER	Class C
L 5020	SPHALERITE	Class A
L 5014	CINNABAR	Class A
L 5062	CALCITE	Class A
L 5016	RODONITE	Class A
L 5018	ARAGONITE	Class A
L 5015	AMETHYST	Class A
L 5017	MOONROCK	Class A
L 5013	RUBIS	Class A
L 5012	KERNOLE	Class A
L 5011	BORDEAUX	Class A
L 5039	PORPHIR	Class A
L 5041	VANADYNITE	Class A
L 5089	URANOFAN	Class A
L 5040	MAGNETITE	Class A

Part N°	NAME	FIRE CLASS: ASTM E84
L 5054	IVORY	Class C
L 5057	WULFENIT	Class A
L 5058	ANHYDRITE	Class A
L 5090	SAND	Class A
L 5019	ORTHOCLASE	Class A
L 5056	DESERT DUNE	Class A
L 5055	BARIT	Class A
L 5053	ANALEZYT	Class A
L 5091	ANDALUZYTE	Class A
L 5078	BIZMOT	Class A
L 5033	BLUE DIAMOND	Class A
L 5031	TURQUOISE	Class C
L 5036	MALACHITE	Class A
L 5025	CAIRO NIGHT	Class A
L 5070	CYANITE	Class A
L 5097	CRAMEN	Class A
L 5050	OLIVINE	Class A
L 5038	TOURMALINE	Class A
L 5048	VIVANITE	Class A
L 5035	CHALCOSITE	Class A

Part N°	NAME	FIRE CLASS: ASTM E84
L 5565	LAQUE WHITE X LARGE	Class A
L 5095	SNOW PEARL	Class A
L 5065	PEARL	Class A
L 5080	QUARTZ	Class A
L 5064	KATAPLEIT	Class A
L 5061	AGATE	Class A
L 5085	DYSKRAZYT	Class A
L 5047	AUGITE	Class A
L 5083	ARSEN	Class A
L 5042	ONYX	Class A
L 5060	CELESTYNE	Class A
L 5043	ERYTHRINE	Class A
L 5044	VIOLETTA	Class A
L 5052	GALENIT	Class A
L 5075	LANDSBERGIT	Class A
L 5029	LIRAKONIT	Class A
L 5030	APATITE	Class A
L 5028	SAFIR	Class A
L 5046	KSENOT	Class A
L 5045	AQUAMARINE	Class A
L 5023	KORUND	Class A

Color Palette: Satin

These selections feature a satin surface that diffuses light to provide a vibrant and uniform finish that allows for a more subtle use of color in any space.



Part N°	NAME	FIRE CLASS
S 8505	LILY WHITE	ASTM E84 Class A
S 8003	IRIS SNOW	ASTM E84 Class A
S 8002	IRIS	ASTM E84 Class A
S 8021	NARCISSUS	ASTM E84 Class A
S 8020	JONQUIL	ASTM E84 Class A
S 8015	OLEANDER	ASTM E84 Class A
S 8010	ASTER	ASTM E84 Class A
S 8011	ROSE	ASTM E84 Class A
S 8027	CYPRYS	ASTM E84 Class A
S 8025	MOGNOLIA	ASTM E84 Class A
S 8004	PEA	ASTM E84 Class A
S 8006	CROCUS	ASTM E84 Class A
S 8018	GREEN TULIP	ASTM E84 Class A
S 8026	AZALEA	ASTM E84 Class A
S 8008	PETUNIA	ASTM E84 Class A
S 8024	BEGONIA	ASTM E84 Class A
S 8030	CHESTNUT	ASTM E84 Class A
S 8009	DALIA	ASTM E84 Class A
S 8000	BACK TULIP	ASTM E84 Class A
S 8019	BLACK ROSE	ASTM E84 Class C

Part N°	NAME	FIRE CLASS
S 8500	SATINE WHITE XL	ASTM E84 Class A
S 8007	CYCLAMEN	ASTM E84 Class A
S 8001	MALLOW	ASTM E84 Class A
S 8017	DAISY GRAY	ASTM E84 Class A
S 8048	CHABER	ASTM E84 Class A
S 8012	CORN FLOWER	ASTM E84 Class A
S 8014	OCEAN FLOWER	ASTM E84 Class A
S 8028	NAVY FLOWER	ASTM E84 Class A
S 8050	VASABI	ASTM E84 Class A

Color Palette: Matte

Matte materials can be used to simulate the look of other common finishes, acting as the perfect backdrop for the features you want to stand out in your design.



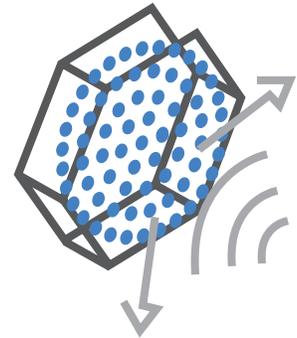
	Part N°	NAME	FIRE CLASS
	M 4500	MAT WHITE X LARGE	ASTM E84 Class A
	M 4004	PASQUE FLOWER	ASTM E84 Class C
	M 4010	JASMINE	ASTM E84 Class C
	M 4006	CHERRY BLOSSOM XL	ASTM E84 Class A
	M 4005	GERBERA	ASTM E84 Class C
	M 4000	BLACK LILY	ASTM E84 Class C
	M 4001	BLACK IRIS	ASTM E84 Class A
	M 4002	EDELWEISS	ASTM E84 Class A
	M 4044B	POLAR (biopruf)	ASTM E84 Class A
	F 1010	SUPER MAT	ASTM E84 Class A

Fire Ratings

Except where noted, the fire rating for color membranes are ASTM E84 Class A.

Acoustic Performance

Color membrane systems come standard with acoustic performance that will significantly contribute to reducing noise in your space. For even better comfort, Velaria Systems offers Enhanced and Ultra levels of acoustic performance; and for spaces where noise levels are less of a concern, a budget-friendly Basic option is also available.



Comparison Tables

Non-Illuminated

Performance Level	Description	Noise Reduction Coefficient (NRC)
Standard	Single Layer of Acoustic Membrane	0.55
Enhanced	Single Layer of Acoustic Membrane + Acoustic Absorber (1")	0.70
Ultra	Single Layer of Acoustic Membrane + Thick Acoustic Absorber (2")	0.90
Basic	Single Layer of Non-acoustic Membrane	0.20

Illuminated

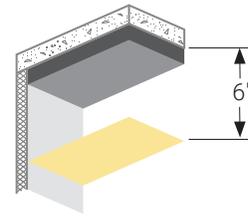
- Not applicable for Colors

COLORS / CEILINGS



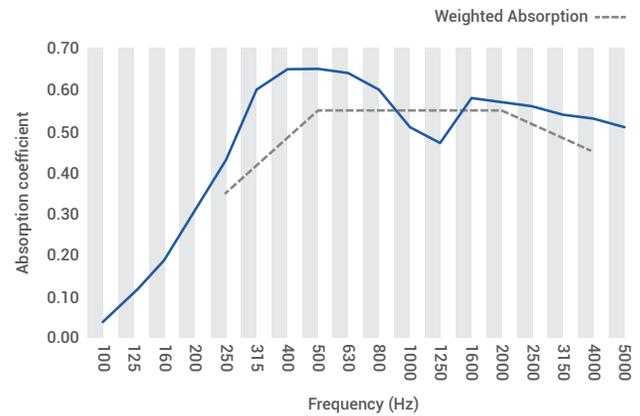
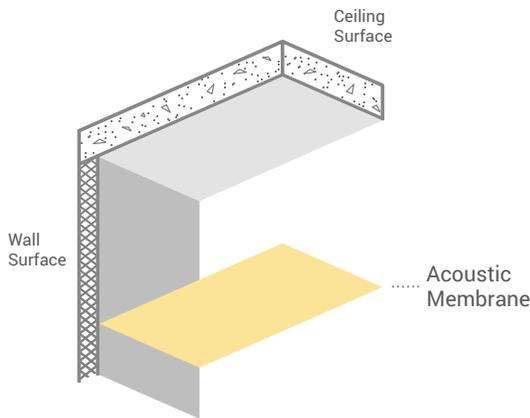
Non-Illuminated Configurations

(based on typical 6" space between surface and outer membrane)



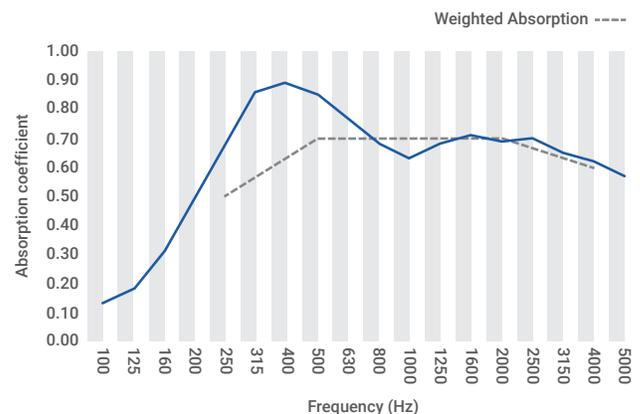
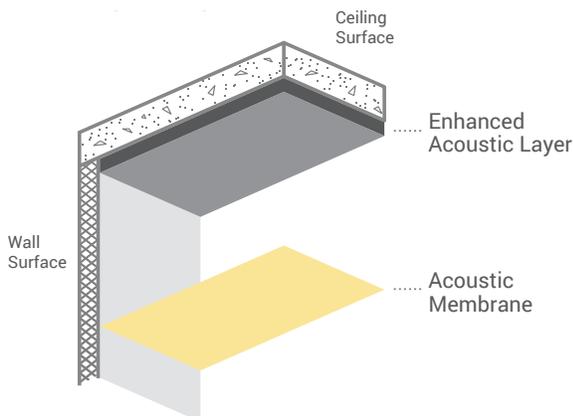
Standard

Frequency (Hz)							Noise Reduction Coefficient	Weighted Sound Absorption Coefficient (ISO EN 11654)	Sound Absorption Class (ISO EN 11654)
125	250	500	1000	2000	4000	NRC	α_w	Class	
α_s	0.11	0.43	0.65	0.51	0.57	0.53	0.55	0.55	D



Enhanced

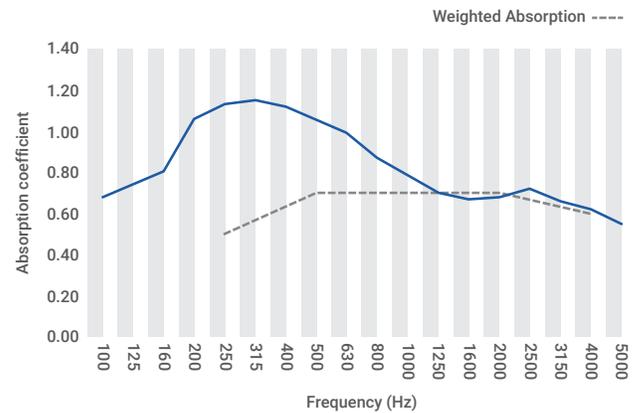
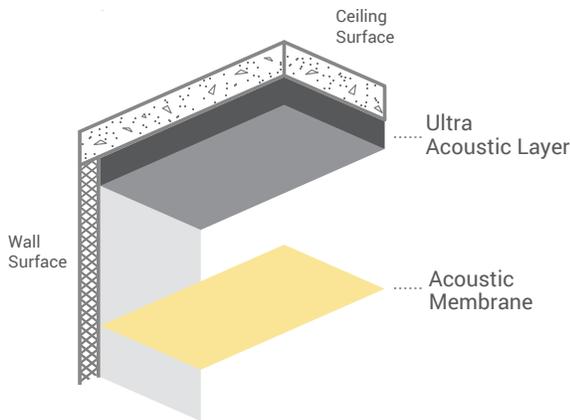
Frequency (Hz)							Noise Reduction Coefficient	Weighted Sound Absorption Coefficient (ISO EN 11654)	Sound Absorption Class (ISO EN 11654)
125	250	500	1000	2000	4000	NRC	α_w	Class	
α_s	0.18	0.67	0.85	0.63	0.69	0.62	0.70	0.70	C



Non-Illuminated Configurations

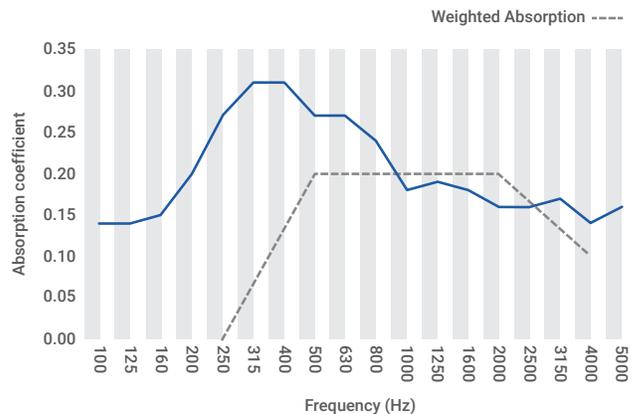
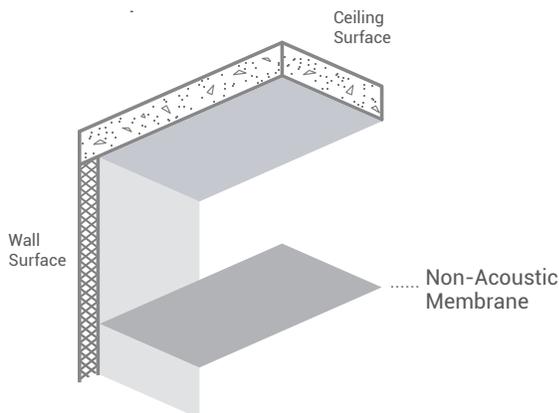
Ultra

	Frequency (Hz)						Noise Reduction Coefficient	Weighted Sound Absorption Coefficient (ISO EN 11654)	Sound Absorption Class (ISO EN 11654)
	125	250	500	1000	2000	4000			
α_s	0.74	1.13	1.05	0.79	0.68	0.62	0.90	α_w	Class
								0.75 (L, M)	C

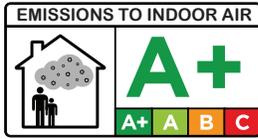


Basic

	Frequency (Hz)						Noise Reduction Coefficient	Weighted Sound Absorption Coefficient (ISO EN 11654)	Sound Absorption Class (ISO EN 11654)
	125	250	500	1000	2000	4000			
α_s	0.14	0.27	0.27	0.18	0.16	0.14	0.20	α_w	Class
								0.20 (L)	E



Environmental



A+ rating for Volatile Organic Compounds (VOC) emissions



100% Recyclable

Additional Design Options Available

Patterns

Select from nearly 400 patterns of perforations

Certifications



CE certificate of conformity
EN 14716 1488-CPD-0106/W

CE CERTIFICATE OF CONFORMITY CE: 1488-CPD-0106/W COMPLIANCE WITH STANDARD:
EN 14716:2008 (system of assessment and verification of performance constancy 1)

How to Specify

1. Identify your selected color and provide the product number
2. Select your acoustic performance level
3. Select other design options (perforations)
4. Contact Velaria Systems - In addition to your selections, we will need to know:
 - Size
 - Mounting Requirements (so we can select the correct profile to meet your requirement)*

*A wide selection of profiles is available to suit your specific requirements. Velaria Systems experts will recommend the best option to meet those requirements. No need for you to sort through a huge catalogue.

Specification Codes

NOTE: Specification Codes are provided for use as simple references to Velaria Systems Membrane System products in specifications and/or construction documents and may not include all details required to define the system. Specification Codes are NOT ordering codes. In order to receive quotations or purchase these products from Velaria Systems additional information may be required before issuing a quotation or accepting a purchase order.

<u>VS</u>	-	<u>C</u>	-	<u>MEM</u>	-	<u>COL</u>	-	_____	-	_____	-	_____
Velaria Systems		C = Ceiling		MEM = Membrane Systems		COL = Color PATT = Pattern GRPH = Graphic ILLUM = Illumination		<u>Acoustic Performance</u> STD = Standard ENH = Enhanced ULT = Ultra BAS = Basic		Lxxxx = Glossy color Sxxxx = Satin color Mxxxx = Matte color		BLANK = No customization PATT = Pattern