

Interior architecture



www.sergeferrari.com

BATYLINE
AW

Serge Ferrari 

BATYLINE

Aw

Flexible composite for acoustic comfort

Tensioned ceilings, acoustic panels and walls, fitting, decoration, etc.

The flexible composite combining acoustic absorption, robustness and lightness

The lightness and flexibility of Batyline® Aw composite fabric offer extensive freedom in terms of shapes and dimensions for ceiling or wall acoustic absorption solutions or for decorative elements.

Perfectly adapted in both new and renovated installations, Batyline® Aw acoustic solutions find their place in buildings, in which materials are put to the test: educational, sports, restaurant buildings, etc.

■ Enjoy yourself... go for some colour!

Contemporary architectural trends have directly inspired the unique palette of 13 colours. This range with its woven, matt appearance, has been designed for interplay with different light, materials and volumes. It contributes to each project's personality and created atmosphere, and it can be customised by digital printing.



Timeless colours

White reflects all light rays to further extend them. Black, its antithesis, is a source of contrast and offers elegance and simplicity for sculpting a volume by absorbing light waves. Timeless greys, soft and calm, evoke the neutral shades of architectural materials : stone, concrete, steel, aluminium, metal or glass.



Natural colours

Elegant, soothing and reassuring, these natural colours seem to have been directly extracted from the earth. They offer warmth and well-being, just like wood or textile.



Colour highlights

Contemporary architecture dares to implement colours creating every possible contrast. They express a desire to highlight a space and provide an intense brilliance similar to light reflection.

7005 - 6642

7005 - 50224

Timeless colours



7005 - 6642 7005 - 6711 7005 - 50222 7005 - 6842

Natural colours



7005 - 50219 7005 - 50216 7005 - 50217

Colour highlights



7005 - 50223 7005 - 50248 7005 - 50220 7005 - 50221 7005 - 50218 7005 - 50224

Optimise acoustic comfort

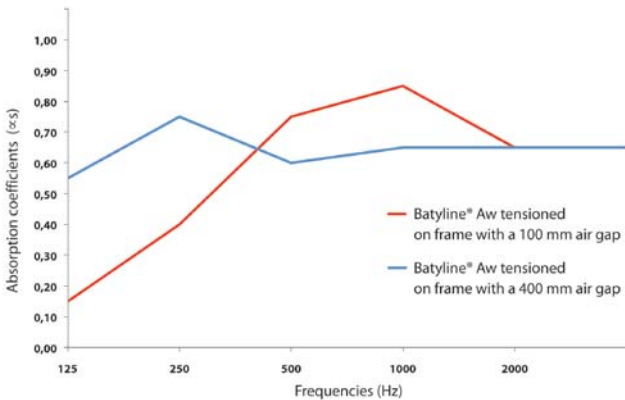
Batyline® Aw flexible composite fabric offers unique acoustic performance characteristics for such a thin, light material.

Simply tensioned Batyline® Aw

Freely tensioned Batyline® Aw with an air gap is a solution that sets itself apart through:

- Its saving in absorbent foam, wool or felt, thereby limiting its spatial requirement
- Efficient absorption throughout the sound frequency range, including low frequencies. This performance characteristic enables the requirements of multiple buildings to be met : sports halls, multipurpose halls, etc.

Batyline® Aw with 100 mm and 400 mm air gaps



Freq. (Hz)	Batyline® Aw with 100 mm air gap	Batyline® Aw with 400 mm air gap
125	0.15	0.55
250	0.40	0.75
500	0.75	0.60
1000	0.85	0.65
2000	0.65	0.65
4000	0.65	0.65
αw	0.65	0.65



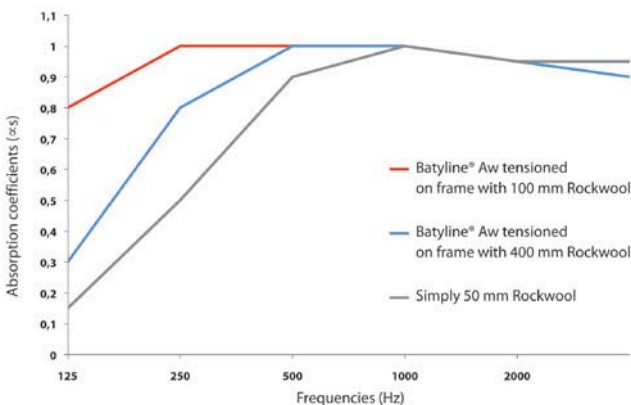
Case study

Batyline® Aw tensioned ceiling at aqua centre.
 > 2.5 seconds reduction in reverberation time.
Detailed report available on request.

Batyline® Aw combined with an absorbent

For specific applications, Batyline® Aw's absorption performance can be advantageously enhanced by combining the fabric with a conventional absorbent. This aesthetic combination embodying optimised absorption performance is also a compact solution due to its reduced thickness.

Batyline® Aw with 50 mm and 100 mm rock wool



Freq. (Hz)	Batyline® Aw plus LR 45mm	Batyline® Aw plus LR 100 mm
125	0.30	0.80
250	0.80	1.00
500	1.00	1.00
1000	1.00	1.00
2000	0.95	0.95
4000	0.90	0.90
αw	1.00	1.00

LR: rock wool αw: Weighted acoustic absorption coefficient
 Detailed test certificates available on request: EN ISO 354 / EN ISO 11654 standard

Meet building technical requirements

Batylite® Aw is a very strong, durable composite fabric. This textile adapts perfectly to rooms in which materials are put to the test, thanks to its technical characteristics:

- Mechanical resistance to deformation and impacts
- Insensitivity to humid environments
- Washable
- Insertion of technical components without material damage
- No specific maintenance

Environmental commitment

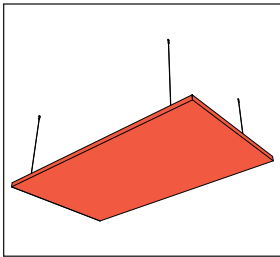
> Lightweight, durable, 100% recyclable : Life Cycle Assessment (LCA) available

Choose the installation system best suited to your project

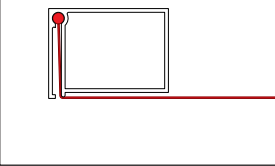
Batylite® Aw is installed using lightweight systems, which are easy to assemble and dismantle, and are suited to both new and renovated buildings. These standard systems and components can be customized to create complex shapes and large free spans.

Modular ceilings Standard or custom formats

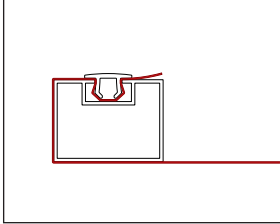
> Tiles, panels, baffles



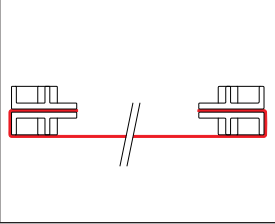
> visible frame



> invisible frame

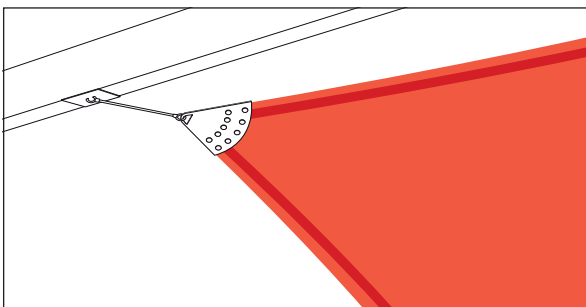


> tile



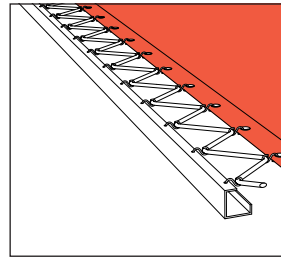
3D Elements

> Tensioned sails

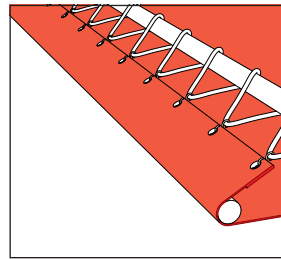
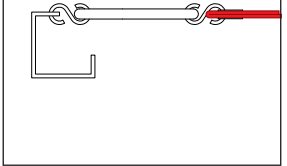


Tensioned Ceilings (DTU 58.2) Large monolithic areas

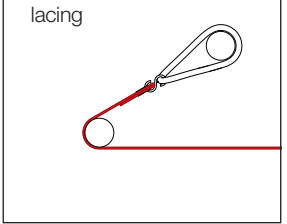
> Batylite® Silcord® laced tensioning system



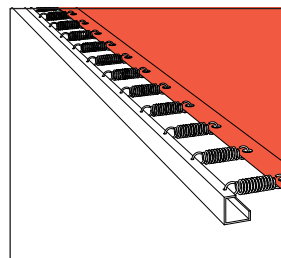
> visible lacing



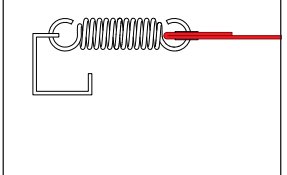
> invisible lacing



> Spring tensioning system



> visible springs



Wall covering

> Tensioning system using PVC profiles or metal frames.

Interior architecture

BATYLINE Aw

Technical properties	Batyline® Aw	Standards
Weight	600 g/m ²	EN ISO 2286-2
Width	270 cm	
Tensile strength (warp/weft)	250/250 daN/5 cm	EN ISO 1421
Tear strength (warp/weft)	25/25 daN	DIN 53.363
Solar and light properties (white colour)		EN ISO 410
Visible reflection	Rv 89%	
Visible transmission	Tv 8.4%	
Flame retardancy	B-s2,d0 /EN 13501-1 • B1 /DIN4102-1 • BS 7837 • 1530.2 /AS/NZS	
Resistance to micro-organisms	Degree 0, Excellent	ISO 846 Method A and B
Resistance to humid environment	100% RH	
Extreme working temperatures	-30°C / +70°C	in static position
Quality management system		ISO 9001
Environmental management system		ISO 14001

Batyline® Aw is certified in compliance with European Standard EN14716 by external audit within the framework of the CE marking procedure.

The technical data above are averaged values with a +/- 5% tolerance.

The buyer of our products is fully responsible for their application and their transformation concerning any possible third party. The buyer of our products is responsible for their implementation and installation according to the standards, use and customs and safety rules of the countries where they are used. Concerning the contractual warranty, please refer to the text of our warranty.

The values mentioned above are the results of tests performed in conformity with the use and customs in terms of studies; they are given as an indication in order to allow our customers to make the best use of our products. Our products are subject to evolutions due to technical progress; we remain entitled to modify the characteristics of our products at any time. The buyer of our products is responsible to check that the above data is still valid at time of fabrication.

Technical features **BATYLINE**

Aw



Tear strength



Freedom of shape



Spot light insertion



Acoustic absorption



Resistance to humid environments



Easy maintenance



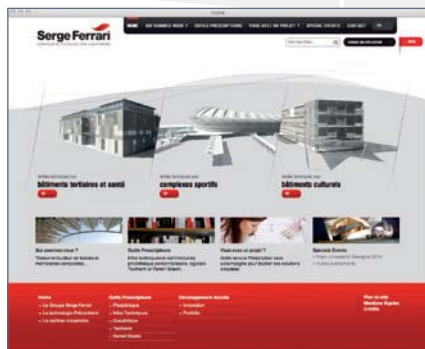
Contractual warranty (upon request)



100% recyclable Textile

www.sergeferrari.com

Downloading, technical data, references, photos, and much more. All in real time.



Sustainable development

Serge Ferrari® development is based on strict adherence to good safety and environmental practices. This includes an understanding of Life Cycle Analysis (LCA), selection of the best materials, and eco-design. The Company obtained its first ISO 14001 certification in 2003.

100% recyclable

Serge Ferrari® developed the Taxyloop® technology specifically for the recycling of composite PVC membranes and textiles. Through the management of its end-of-life products Serge Ferrari® is committed to sustainable development.

www.taxyloop.com

Specification department

The Serge Ferrari® specification service is available to inform you, advise you and suggest innovative solutions for your specific requirements.

To detail your project, fill in a form under: www.sergeferrari.com

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