

**Applications**

Ceilings and walls, sails and velums, suspended canopies.



- **Acoustic efficiency:** reduces reverberation effect up to four-fold.
- **Durable without maintenance:** thanks to its high resistance to tension, abrasion, impacts and its ability to withstand moist and chlorine environments.
- **Creative design:** flexibility, complex shapes, large spans, printability.
- **Health & environment:** Greenguard gold and french A+ certification for better air quality. Lightweight and recyclable for lower environmental impact (LCA).



A thin and flexible sound absorber for innovative acoustic solutions.

Sound absorber



**Alphaia**  
Silent Aw

	■ <b>Technical properties</b>	<b>Standards</b>	
Weight	620 g/m <sup>2</sup>	EN ISO 2286-2	
Width	270 cm (Kilimandjaro 6642 in 270 cm & 135 cm)		
	■ <b>Physical properties</b>		
Tensile strength (warp/weft)	250/220 daN/ 5 cm	EN ISO 1421	
Tear strength (warp / weft)	25/25 daN	DIN 53.363	
Impact resistance	Class 1A (Excellent after 36 impacts at 60km/h)	EN 13964 annex D	
Micro organism resistance	Degree 0, excellent	ISO 846-A	
Extreme working temperatures	-30°C / +70°C	in static position	
	■ <b>Flame retardancy</b>		
Rating	<b>B1</b> /DIN 4102-1 – BS 7837 – <b>Class 1</b> / UNI 9177 – <b>Class A</b> /ASTM E84 – <b>Group 1</b> / AS-NZS 3837 – AS-NZS 1530.2 & 3 – IMO A653		
Euroclass	<b>B-s2,d0</b> /EN 13501-1		
	■ <b>Solar and light properties</b>		
	Kilimandjaro (White)	Lux (Translucent)	
Visible reflection R <sub>v</sub>	90%	56%	EN 14501
Visible transmission T <sub>v</sub>	7%	41%	EN 14501
Internal Solar Factor G <sub>tot,i</sub>	0,31	0,41	EN 14501 (glazing C)
	■ <b>Management systems</b>		
quality			ISO 9001
environment			ISO 14001
	■ <b>Certifications, labels, guaranties</b>		

**10 year guarantee** | **Smart Yarn** | **CE Marking compliance (EN 14716) tensioned ceilings** | **S+** With **S+** Serge Ferrari goes further than the Standards... (consult us for further information)

- **Tools and services**
- Making-up guide & cleaning instructions available on demand
- Special colour production on demand

Material strength characteristics quoted are average values subject to a +/-5% tolerance. The buyer of our products is fully responsible for their application or their transformation concerning any possible third party. The buyer of our products is responsible for their implementation and installation in compliance with standards, codes of practice and safety regulations in force in destination countries. To ensure warranty effectiveness, refer to warranty certificate concerned available on demand. The values quoted above represent results of tests performed in compliance with common design practices and are provided for information only to enable customers to make the best use of our products. Our products are subject to changes prompted by technological developments. We reserve the right to modify their characteristics at any time. The buyer of our products is responsible for checking the validity of the above data.

