

SOLARIS
solarprotection is

ACOUSTIC TEXTILE SOLUTIONS



«Fondaco dei Tedeschi»

project manager: Studio Oma

Architects: Rem Koolhaas, Pestellini Laparelli

SOUND-ABSORBING BLINDS

Sound-absorbing blinds meet the specific requirements of acoustic absorption.

At Fondaco dei Tedeschi - Venice, Solaris' blinds have reduced the reverberation by 4 times, making the environment very pleasing.



Fondaco's top floor

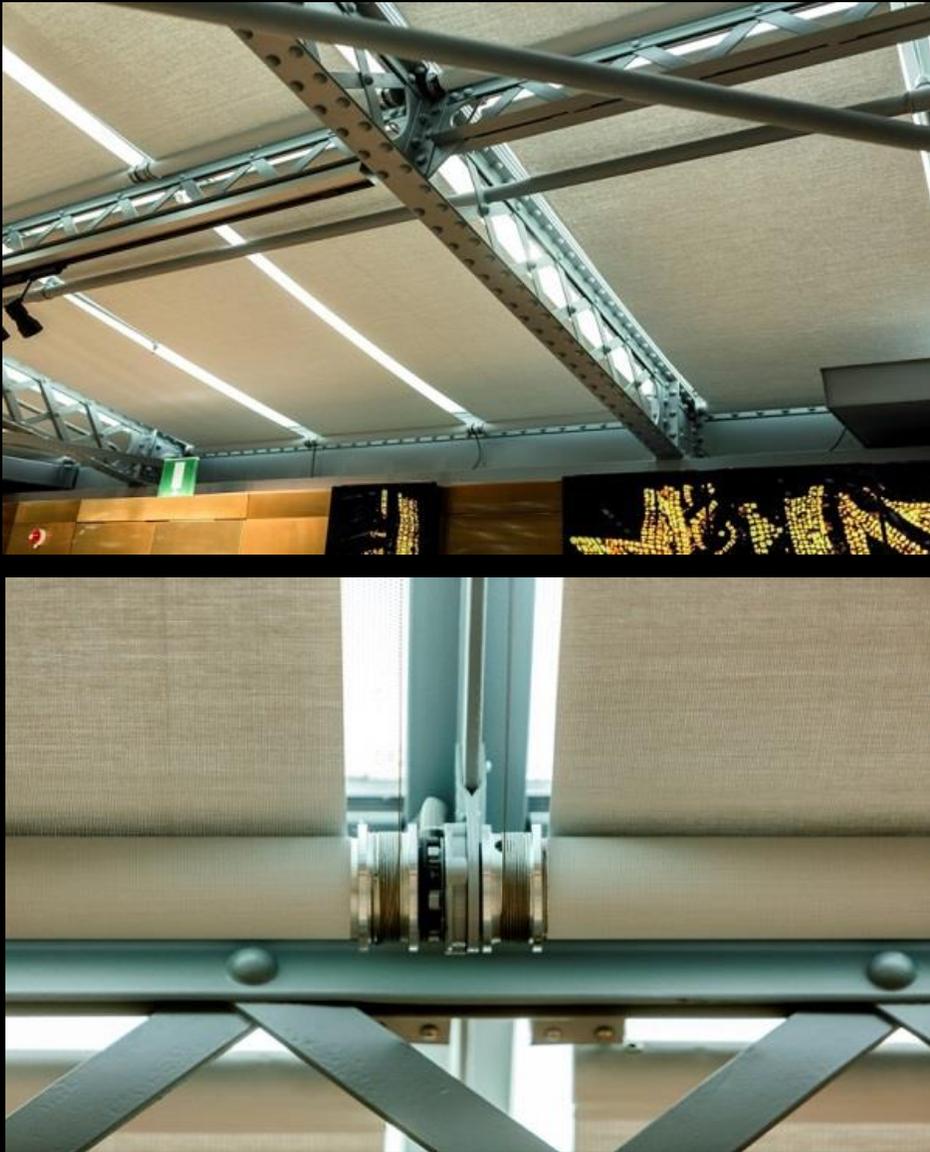
SOUND-ABSORBING BLINDS

Solaris' sound-absorbing fabrics let the light illuminate the room: they guarantee a proper light and sound management.

We have used the Somfy RTS wireless technology, which gives to the concept of home automation a whole new meaning.

Our blinds are motor-powered with Somfy low-noise engines for an accurate yet silent motion.

With only one action, you protect your privacy, you defend yourself from solar rays and improve the environment's acoustic.



Close-up of a Fondaco's sound-absorbing blind

SOUND-ABSORBING BLINDS

At Triennale of Milan “Bovisa”, Solaris has created and installed sound-absorbing roller blinds using Acoustic fabric and Somfy RTS engines.

Using sound-absorbing blinds, we eliminated the reverberation caused by the glass surfaces. The result is a warm and pleasing atmosphere.

They fit perfectly in this prestigious architectural context: they are installed in a recess in the false ceiling.



Restaurant at Triennale of Milan

SOUND-ABSORBING BLINDS



Solaris' roller blinds are very versatile, as you can see in the picture. At Gadames' Events Center, we have installed trapezoidal and sloping blinds. This modern location is perfect for this type of solution, thanks to its design that improves the quality of sound.

SOUND-ABSORBING PANELS

In order to satisfy companies' necessities to improve acoustic comfort, Solaris designs and makes panels with sound-absorbing fabric, paired with a particular sound-absorbing pad.

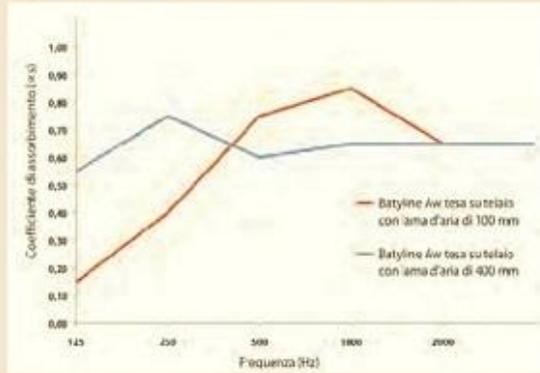
Panels can have regular or irregular shapes, they can be hanged vertically or horizontally, and you can choose from a wide range of colors.



Gadames 57 – with specific sound-absorbing panels

SOUND-ABSORBING BLINDS AND PANELS

Batyline Aw con lama d'aria di 100 e 400 mm



Freq. (Hz)	Batyline Aw + lama d'aria 100 mm	Batyline Aw + lama d'aria 400 mm
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
aw*	0.65	0.65

The chart on the left shows the data of Batyline AW fabric used as a blind or as a simple stretched cloth. The table shows the fabric's absorbing efficiency at different frequencies. This enables to satisfy many types of needs, such as gymnasiums, multi-purpose rooms, etc...

Freq. (Hz)	Batyline Aw + LR 45mm (densità da 28 a 36 K/m ³)	Batyline Aw + LR 100 mm (densità da 28 a 36 K/m ³)
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
aw*	1.00	1.00

Sound absorbing can be improved using sound-absorbing panels, because the fabric is paired with another sound-absorbing material: the level of acoustic absorbing can be very high.



Solaris Tende offers a tailor-made product, which is designed to satisfy every type of need. Solaris makes both standard and customized products with the same attention. We create unique solutions. Our multidisciplinary approach requires the ability to understand the various technical and esthetical languages considering both objective and subjective factors, such as the different requirements of the specific environments. So, we analyze the light and heat changes during the day, the different weather conditions change through the year and the seasons passing.

Solaris, much more than a simple sound-absorbing blinds and panels!

Solaris Tende Srl

Via Vo' di Placca 52 - 35020 Due Carrare (PD)

Tel. 049 9125038 Fax. 049 9126026

C.F./P.IVA 04689860288 info@solaristende.it

www.solaristende.it