

Applications

Acoustic blinds have been designed to reduce reverberation by absorbing sound waves, so improving acoustic comfort inside a space. They meet the needs of buildings being renovated with a better acoustic absorption as well as the regulatory requirements for new buildings :

- Offices, open space, meeting room, lobbies.
- Restaurant, reception room.
- Functional buildings: multimedia library, school premises, music room, multi-function room, etc.

Types of blinds



Vertical strips



Roller blind



Japanese walls

These 3 types of acoustic blinds can be custom made to the specific criteria for your project :

- Blind functions and modularity:

- **Vertical strips** : allow easy variation of light filtering and intimacy, whilst retaining a large fabric surface that is useful for acoustic correction. Ideal for large glazed openings.

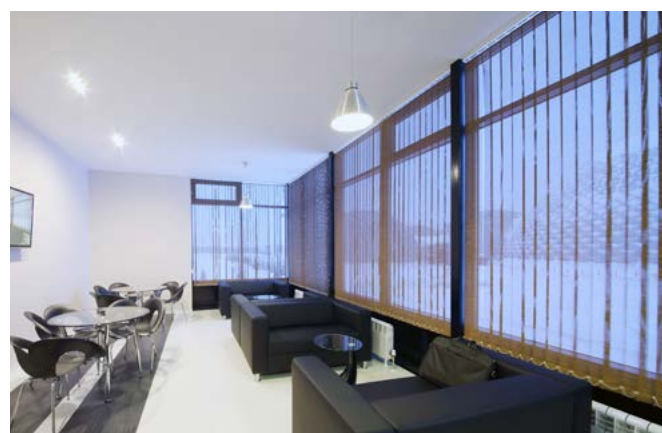
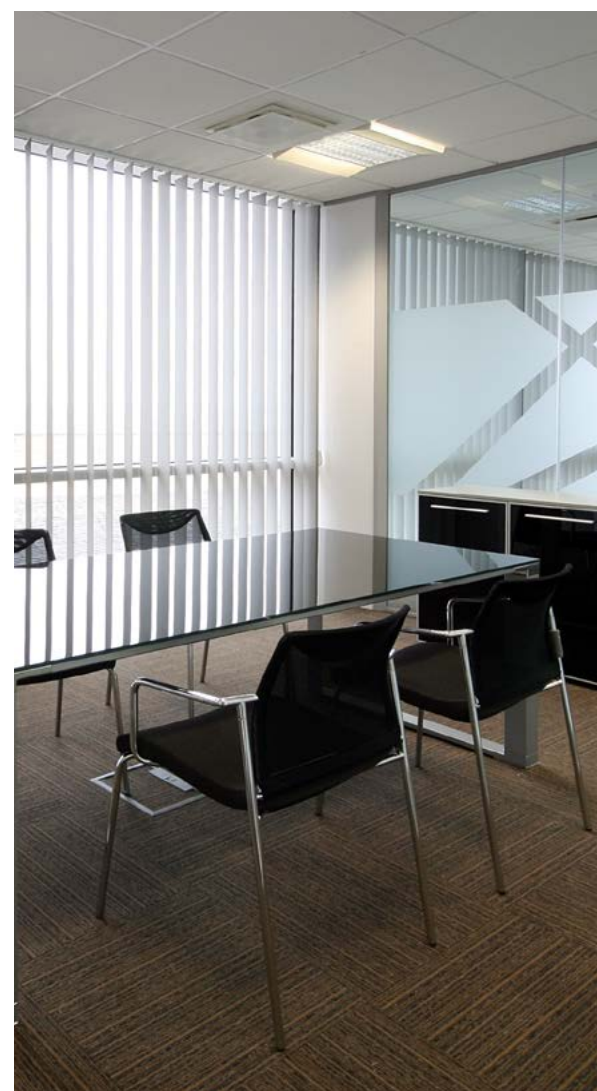
- **Roller blinds** : easy to handle, low bulk and easy to adapt to all glazed area configurations. They make a good projection screen. Their acoustic efficiency varies depending on the proportion of fabric unrolled.

- **Japanese walls** : ideal for creating intimate spaces whilst allowing light going through. The easy to manipulate walls offer a vast number of combinations whilst guaranteeing a large quantity of fabric to correct the acoustics.

- The technical choice of fabric according to the desired priority function complementing the acoustics : reducing light levels, making a confidential space, protecting from heat, etc.

- The aesthetic choice of fabric : colour and appearance.

- The style and decoration of the area.



Technical characteristics

Technical Properties	Batyline aw	Zen	Standard
Composition	Woven polyester thread with Vinyl composite sheath	100% Trevira CS polyester	
Weight	600 g/sqm	220 g/sqm	EN ISO 2286-2
Thickness	0,82 mm +/-	0,4 mm	EN ISO 2286-3
Lightfastness	7/8	6/7	EN ISO 105 B02
Mechanical strength			
Rupture (warp/weft)	250/220 daN/5cm	-	EN ISO 1421
Tearing (warp/weft)	25/25 daN	-	DIN 53.363

Fire classification A653	B1 / DIN 4102-1 - IMO A653 B s2 d0 / EN 13501-1	M1 NFP 92-503 B1 / DIN 4102	
Acoustic absorption	alpha w 0,65	alpha w 0,6/NRC 0,55	EN ISO 354
354 Label- Health	Greenguard	Oeko-Tex 100	

- Thermal values: Ts, Rs, As, gtot
 - Optical values : Tv
- Available on the technical datasheet on request

Applications

Batyline



Japanese walls



Roller blind

Zen



Japanese walls



Roller blind



Vertical strips

Documents & samples

Detailed technical datasheet on request: contact@texdecor.fr



contrejour

Le store de décoration intérieure à vos mesures

Société Nouvelle Contrejour - 203, rue des frères Thibault - 77190 Dammarie-les-lys - Tel : + 33 (0)1 64 39 54 30

Contrejour is a Texdecor Développement group company

Backed by its manufacturer's know-how, Contrejour takes great care to select silent, aesthetic, robust and simple to use mechanisms. The blinds are custom made to the nearest millimetre and tested before every shipment to guarantee an excellent finish. The materials are very rigorously selected to ensure they meet environmental and safety standards. User friendliness and building automation: motorised and automatic solutions allow improved building energy autonomy.



ACOUSTIC BLIND | Zen & Batyline



$\alpha_w = 0.65$



ACOUSTIC BLIND

STAFEGUB

Collection : Batyline et Zen / Acoustic Range 0.7
Publication date : July 2016
Texdecor, 2 rue d'Hern, 59780 Willems
Tel : + 33 (0)3 20 61 78 37 - Fax : + 33 (0)3 20 61 75 64 - www.texdecor.fr





Advantages of an acoustic blind

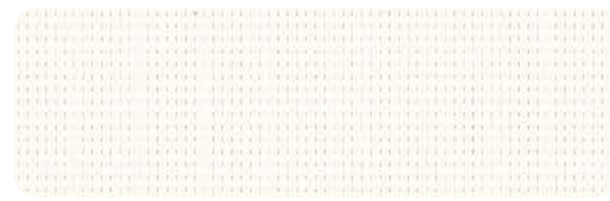
- Multiple functions: acoustic comfort, thermal protection, light and intimacy management, decoration.
- Low bulk for an efficient acoustic solution.
- Ideal solution when the area's configuration does not allow acoustic absorber on the ceiling and walls.
- Use as a curtain in front of a window or as a screen in front of a wall.
- Sliding panel mounting in an open space, in front of glazing or in separation walls.
- Quick and easy to install without major work or stopping use of the building.

The blinds are manufactured by **Contrejour** company, a French creator and manufacturer of custom made interior blinds.
Contrejour is a Texdecor Développement group company.



Fabric Batyline Aw & Aw LUX

A4 format samples on request within 72 h



7005 6642



Translucent 7005 50540 Lux



7005 6711



7005 50219



7005 50222



7005 50224



7005 50221



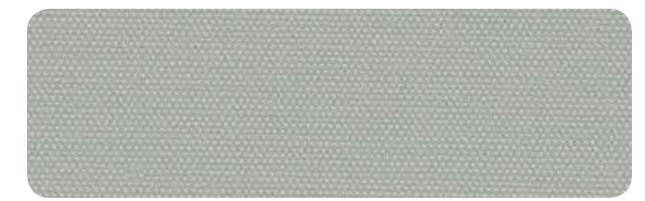
7005 6842

Fabric Zen

A4 format samples on request within 72 h



12 344 01



12 344 40



12 344 50



12 344 60



12 344 48



12 344 81

Fabric Batyline Aw & Aw LUX



α_w 0.65



Tv
41 %



gtot
0.41

Acoustic correction

- Very efficient reverberation reduction by absorbing 65% of sound energy.
- High performance at low frequencies (alpha sabine 0.75 at 500Hz).

Visual comfort

- Batyline Aw Lux is uniquely translucent letting a very large quantity of light going through (Tv = 41%) and allowing excellent visual contact with the outside.
- Batyline Aw avoids dazzling.

Thermal protection

- Heat protection: reduces solar energy by 59% to 69% depending on the reference.

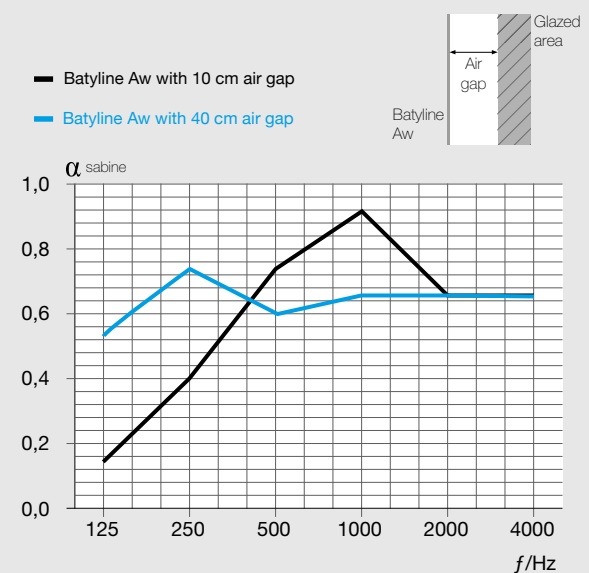
Aesthetic

- Sober, contemporary structured woven PVC.
- The weave structure does not allow the making of blinds with vertical strips.

Strength and maintenance

- Mechanical solidity suited to the most demanding uses and guaranteeing perfect appearance and stability of the fabric over time.
- Easily cleaned component quality that does not attract dust and is suitable for damp environments.

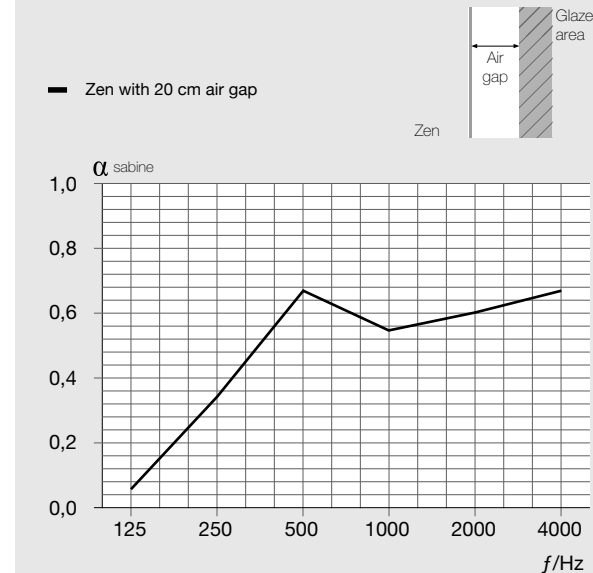
Acoustic values



	NRC	α_w	125	250	500	1000	2000	4000
Zen	0,55	0,60	0,05	0,35	0,65	0,55	0,60	0,65



Acoustic values



	NRC	α_w	125	250	500	1000	2000	4000
Zen	0,55	0,60	0,05	0,35	0,65	0,55	0,60	0,65



α_w 0.6
NRC 0,55



Tv
34 %



gtot
0.55

Acoustic correction

- Very effective reverberation reduction by absorbing 60% of sound energy.
- High performance at low frequencies.

Visual comfort

- Avoids dazzling whilst allowing a large quantity of natural light going through (Tv = 34%, in white).

Thermal protection

- Heat protection by 45% solar energy reduction.

Aesthetic

- Fine Trevira CS polyester textile weave
- Soft, comfortable feel, warm, precious satin appearance.
- Fine fabric for discrete, low bulk blinds. They can be inserted into narrow spaces.