

BAB

— Lifestyle

When decoration encompasses acoustics

— Design

20 colours

4 sizes

Handwoven by

La case de cousin Paul

Acoustic or light fitting

— Solutions

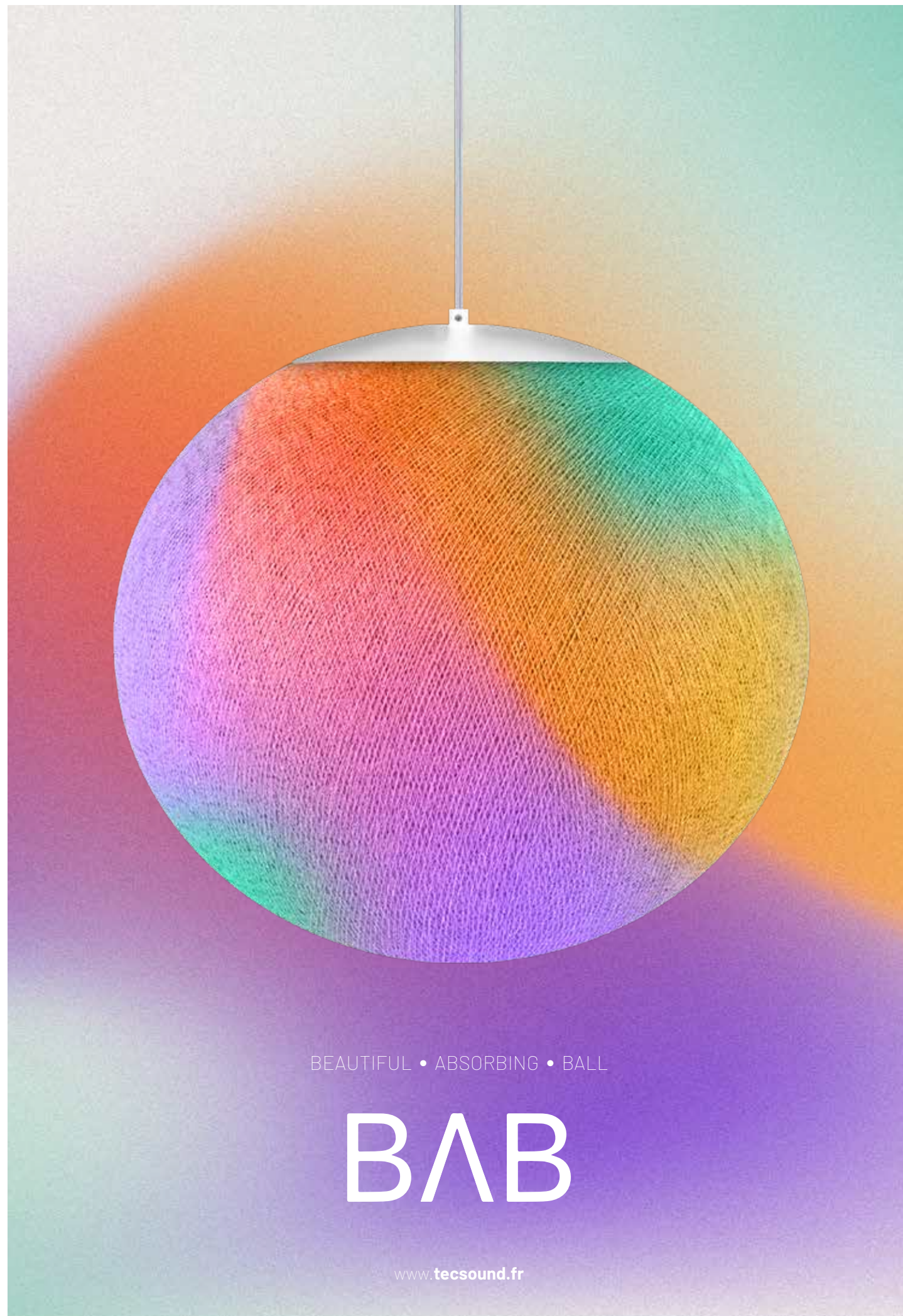
Acoustic materials

New or renovation



TECSOUND
by **SOPREMA**

INSULATION & ACOUSTIC CORRECTION



BEAUTIFUL • ABSORBING • BALL

BAB

www.tecsound.fr

www.tecsound.fr

BAB_EDITORIAL

BAB

When **decoration** encompasses **acoustics**.

81%
of French people say they avoid noisy
restaurants, cafés and bars*

In a world that is noisier than ever before, it is essential to pay attention to the need for calm and concentration in certain places. People talking all at once and the surrounding hubbub often interferes with proper discussion and understanding. It's here that the **BAB** acoustic pendant comes into its own: it turns these spaces into havens of calm, without compromising on the design aspect. **Tecsound**® brings you an innovative technology capable of significantly reducing unwanted noise with suspended spherical sound-absorbing pendants which blend harmoniously into the design of space. **BAB** acoustic pendants can be a central feature of the design of shared spaces, at once an acoustic solution and a feature that enhances the interior design. By harmonising our sound environment we can contribute to creating a more restful and aesthetically pleasing future.

The **TECSOUND**® team

TECSOUND®
by **SOPREMA**
INSULATION & ACOUSTIC CORRECTION

* www.bruit.fr: OpinionWay survey for Ecophon Saint-Gobain and La Semaine du Son - January 2023.



5_ THE MIX: ACOUSTICS & DECORATION

- _ What is acoustic decoration?
- _ Getting the acoustics right in a room
- _ In brief

6. BAB_HOW IT WORKS & COMPOSITION

- _ Globes
- _ Holders
- _ Cables
- _ Colours
- _ Ceiling roses

8. BAB_TECHNICAL DATA

- _ Hand-made globe
- _ Filled with acoustics materials
- _ Easy to install
- _ Acoustic performance
- _ Fire behaviour

10_ BAB_COLOURS

12_ BAB_MIX & MATCH

14_ BAB_SOLO

16_ BAB_DUO

18_ BAB_TRIO

20_ BAB_QUATRO

22_ BAB_CINQUO

24. BAB_LIGHTING + BAB MIX

26. BAB_LIFESTYLE, what you say

27. The **DecoKustik** range **Tecsound®** supplies all your needs

_ THE MIX: ACOUSTICS & DECORATION

95% of workers say they feel their concentration and effectiveness at work have been affected by noise.*



Improving the acoustics of a space means reducing reverberation and improving the intelligibility of speech.

Acoustics is an essential element in guaranteeing quality of life and the comfort of interior spaces. An excessive reverberation time soon leads to discomfort.

In indoor spaces, sound waves reflect off wall, floor and ceiling surfaces, creating an echo effect. To optimise the acoustics in a room, it is necessary to control the reverberation time by choosing materials with a high absorption coefficient. Ceiling islands can be used for acoustic correction.

_ What is acoustic decoration?

A **decorative item that is also an acoustic solution** combines aesthetic elements with materials and techniques that improve the acoustics of a space. These items can take different forms: decorative acoustic panels, acoustic wall coverings, acoustic pendants, carpets and floor coverings, acoustic furniture, sound-absorbing decorative items.

Acoustic pendants can be artistically designed to bring a unique visual touch to the space whilst also helping to absorb noise.

THE INTERIOR DECORATION MARKET IS ESTIMATED TO BE WORTH **13 BILLION EUROS****. DECORATION HAS BECOME AN ESSENTIAL PART OF THE PROCESS OF SETTING UP THEIR HOME FOR FRENCH PEOPLE AND ACCOUNTS FOR A LARGE PART OF THE SPENDING ON AN APARTMENT OR HOUSE.

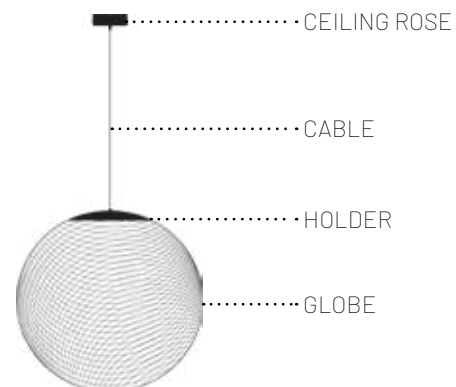
* www.bruit.fr - Understanding Sound Experiences, Epos, 2020. ** Source: Les Échos. Études 2023.

BAB_HOW IT WORKS



BAB or **B**eautiful **A**bsorbing **B**all* is a *decorative acoustic* pendant. **BAB** brings acoustic comfort of a new kind, hanging *from the ceiling to provide significant sound dampening by trapping sound waves* in the filler foam. It can improve *comfort and speech intelligibility* within a space.

BAB_COMPOSITION



BAB is a mix-and-match acoustic solution. A complete **BAB** consists of four parts: ceiling rose, cable, holder and globe. All of these parts are available in several colour and shape options to allow you to create your unique, customised BAB. With 4 different globe sizes, 3 holder finishes, 20 globe colours, 3 cable colours and 21 ceiling rose options, the combinations are virtually endless.



www.tecsound.fr

BAB_CEILING ROSE

_SOLO



_DUO



_TRIO



_QUATRO



_CINQUO



BAB_CABLE _ BLACK, WHITE, LIN



BAB_CEILING ROSE _ BLACK, WHITE OR BRASS _ Each size BAB has its own holder.



BAB_COLOURS_ 20 COLOURS



BAB_GLOBE_ 4 SIZES

S Ø 31 cm



L Ø 42 cm



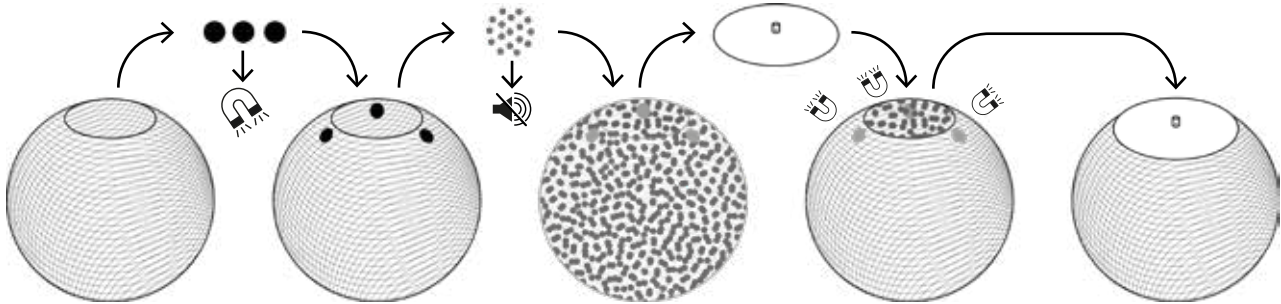
XL Ø 52 cm



XXL Ø 62 cm



_ Simple design and assembly



1_ The globes have magnets in the top. 2_ They are filled with sound-absorbing foam.
3_ A cup-shaped metal holder closes the top of the globe.

_ Fire behaviour

element	Standard	Result	
Globe	NF EN 60695-2-10 NF EN 60598-1	650 °C for 30 sec	Flame-retardant: glowing/hot-wire tests
	NF EN 13501	B-s1,d0	Classification using data from reaction to fire tests
Filler material: sound-absorbing	NF P92-512	M1	Reaction to fire tests on a material

_ Sound absorption area for a single globe according to EN 354

BAB	Ø 31 cm	Ø 42 cm*	Ø 52 cm	Ø 62 cm
Absorbent surface	0.30 m²	0.55 m²	0.85 m²	1.21 m²
Frequency (Hz)	A _T (m²)			
100	0.03	0.04	0.05	0.19
125	0.02	0.04	0.06	0.20
160	0.03	0.06	0.08	0.25
200	0.04	0.08	0.12	0.52
250	0.06	0.11	0.16	0.78
315	0.08	0.19	0.30	1.13
400	0.12	0.27	0.41	1.39
500	0.18	0.35	0.52	1.57
630	0.24	0.43	0.63	1.73
800	0.28	0.48	0.67	1.74
1000	0.32	0.51	0.70	1.70
1250	0.33	0.52	0.72	1.58
1600	0.35	0.53	0.71	1.58
2000	0.35	0.52	0.69	1.54
2500	0.33	0.50	0.67	1.52
3150	0.32	0.48	0.64	1.46
4000	0.33	0.47	0.62	1.42
5000	0.31	0.44	0.57	1.37

_ Reverberation times measured in the test with all the BABs

	Empty room	Room with BABs		
BAB diameter	/	Ø 31 cm	Ø 52 cm	Ø 62
Number of BABs	/	25 BABs	12 BABs	9 BABs
Frequency (Hz)				
100	8.40	7.21	7.50	6.06
125	10.39	8.89	8.71	7.02
160	9.47	8.01	7.55	6.04
200	11.84	8.80	8.20	4.82
250	9.94	7.30	6.54	3.51
315	10.98	6.82	5.36	2.79
400	11.56	6.06	4.61	2.40
500	11.69	4.86	3.99	2.18
630	11.35	4.05	3.50	2.01
800	10.49	3.53	3.25	1.97
1000	9.48	3.18	3.07	1.96
1250	8.46	2.96	2.90	2.02
1600	7.55	2.78	2.81	1.97
2000	6.71	2.65	2.73	1.95
2500	5.39	2.49	2.53	1.83
3150	4.34	2.27	2.31	1.74
4000	3.44	2.00	2.05	1.60
5000	2.55	1.71	1.75	1.40

*Extrapolated values: calculated and rounded (to the nearest 10th of a m²) by linear extrapolation from the test results for the Ø 31 cm and Ø 52 cm. The equivalent absorption area A_T in m² of n globes is obtained by multiplying A_{obj}, as presented in the table above by the number of globes, i.e. A_T = n x A_{obj}. Sources: CEBTP BEB2.M.6055 acoustic tests.



BAB_COLOURS



●

White

●

Ecru

●

Sable

●

Dragée

●

Lin

www.tecsound.fr

Camel

●

Anthracite

●



BAB

Tilleul



●

Kaki

●

Rouge



The **Tecsound**[®] teams are here to support your projects. Scan the QR code.



●

Orange fifty

●

Curry

●

Paon



●

Vert de gris

●

Denin

●

Azur

●

Tabac

●

Havane



●

Perle

●

Nude

BAB_MIX AND MATCH



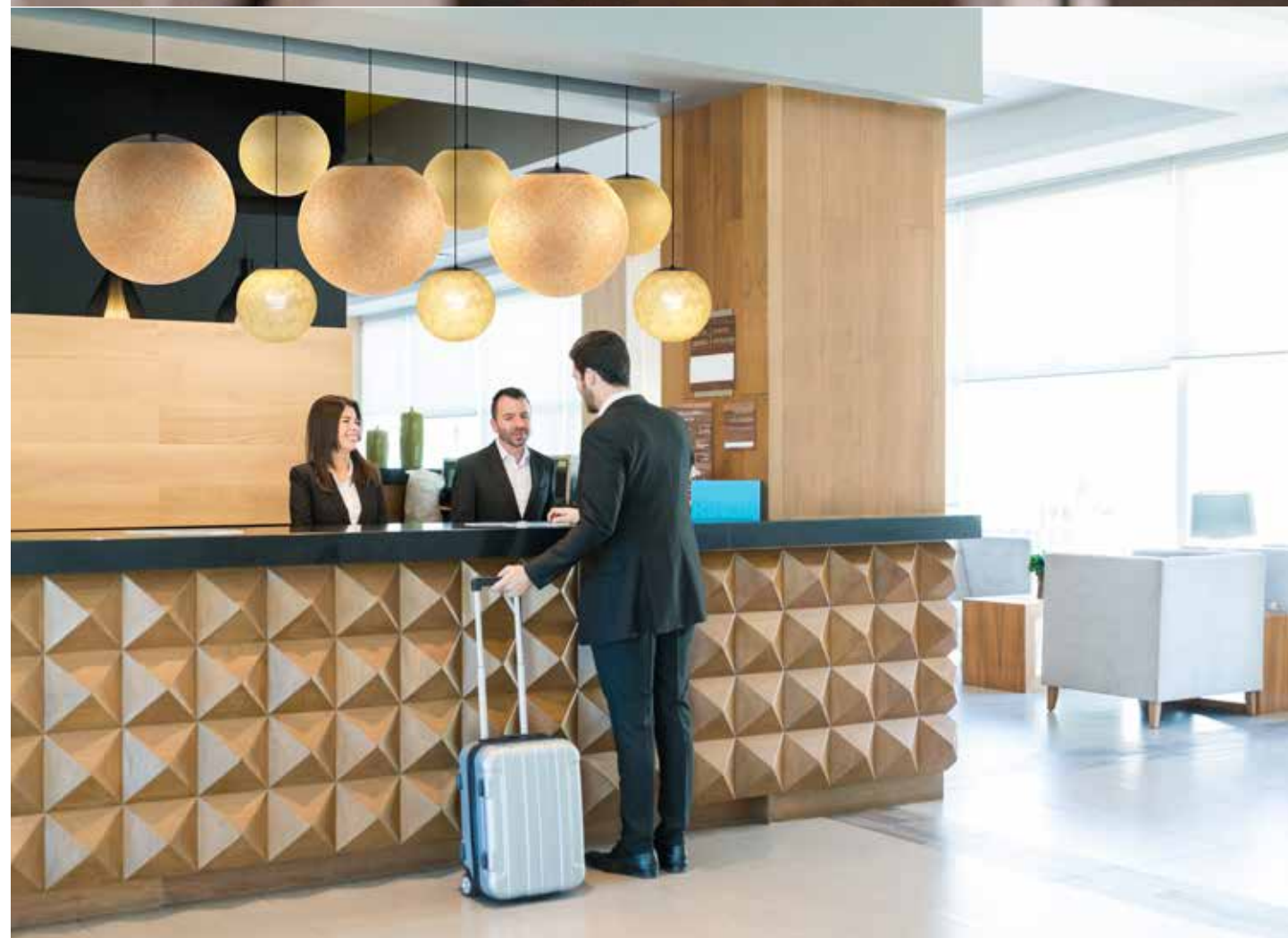
1_ JEANS / BAB_DUO. HOLDER: black. CABLE: black. CEILING ROSE: round black. GLOBE: sizes XXL and S. COLOURS: paon and denim.
2_ TOKYO ZEN / BAB_TRIO. HOLDER: black. CABLE: black. CEILING ROSE: rectangular black. GLOBE: XXL, XL and L. COLOURS: anthracite, écriu and rouge.
3_ MEZZE / BAB_CINQUO. HOLDER: black. CABLE: black and white. CEILING ROSE: round black. GLOBE: sizes XXL and S. COLOURS: anthracite, kaki and perle.
4_ BIJOUX / BAB_TRIO HOLDER: black, white and brass. _CABLE:black, white and lin CEILING ROSE: round white. GLOBE: sizes XXL, XL and S. COLOURS: white, dragée and orange fifty.
5_ CERISES / BAB_DUO HOLDER: black. CABLE: black. CEILING ROSE: round black. GLOBE: size XXL. COLOURS: rouge.



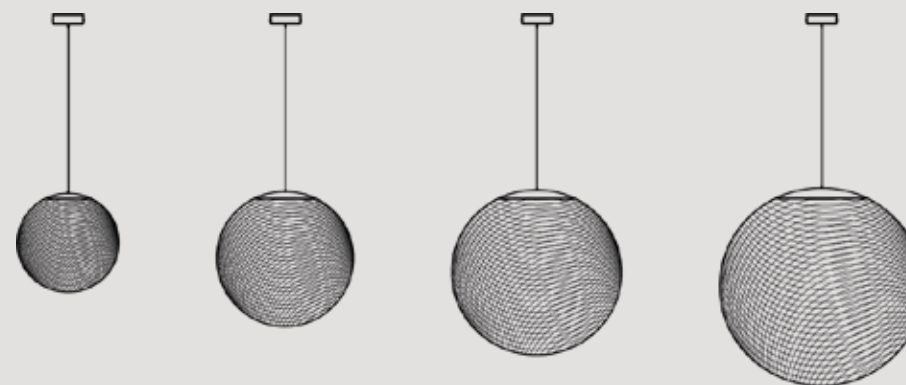
6_ WONDERLAND / BAB_CINQUO. HOLDER: black and white. CABLE: black and white. CEILING ROSE: round black. GLOBE: sizes S, XL and XXL. COLOURS: lin, denim, rouge, vert de gris and camel.
7_ PURPLE RAIN / BAB_QUATRO. HOLDER: white. CABLE: white. CEILING ROSE: round white. GLOBE: sizes XXL, XL and L. COLOURS: nude.
8_ PETITS POIDS / BAB_TRIO. HOLDER: black. CABLE: black. CEILING ROSE: round black. GLOBE: size S. COLOURS: tilleul.
9_ DORÉDO / BAB_TRIO. HOLDER: black. CABLE: black. CEILING ROSE: rectangular black. GLOBE: size S. COLOURS: tabac and paon.
10_ ROND D'OR / BAB_TRIO. HOLDER: black and brass. CABLE: black. CEILING ROSE: rectangular black. GLOBE: sizes XL and S. COLOURS: perle and camel.



The **Tecsound**[®] teams are here to support your projects. Scan the QR code.



BAB_SOLO



BAB_GLOBE

- **S** Ø 31 cm
- **L** Ø 42 cm
- **XL** Ø 52 cm
- **XXL** Ø 62 cm

BAB HOLDER



BLACK, WHITE, BRASS

- black (*standard colour*), white and brass (*to order at no extra cost*).
- metal (*black and white*), brass (*brass*).
- each size BAB has its own holder.

BAB_COLOURS



BAB_CABLE



BLACK, WHITE, LIN

- black, white, lin.
- cotton (*black and white*), linen mix (*lin*).
- 6.2 mm.
- sold by the metre.

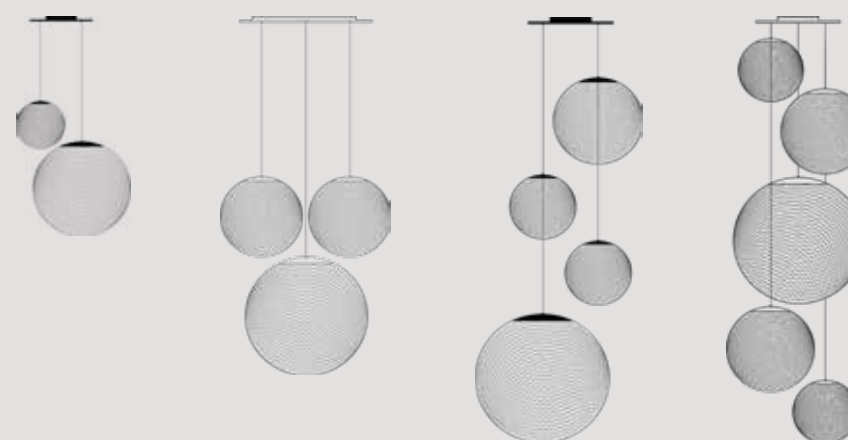
+ BAB_COLLECTION

DUO → p. 16

TRIO → p. 18

QUATRO → p. 20

CINQUO → p. 22



+ BAB_MIX AND MATCH → p. 12

See all the possibilities BAB offers.

+ BAB_LIFESTYLE → p. 26

What you say...



The **Tecsound**[®] teams are here to support your projects. Scan the QR code.

BAB_ROSACE



SOLO CEILING ROSE Ø 100

- black gloss, white gloss.
- metal.
- 100 mm.
- 2 side holes, 1 cable outlet.
- conical cable clamp included.

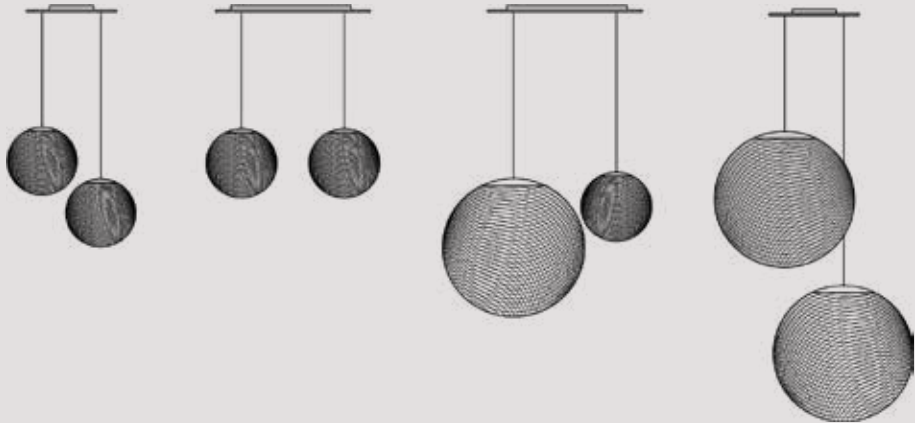


SOLO CEILING ROSE Ø 200

- black matt, white matt.
- metal.
- 200 mm.
- 4 side holes, 1 cable outlet.
- conical cable clamp included.



BAB_DUO



BAB_GLOBE

- S Ø 31 cm
- L Ø 42 cm
- XL Ø 52 cm
- XXL Ø 62 cm

BAB_HOLDER



BLACK, WHITE, BRASS

- black (standard colour), white (to order at no extra cost) and brass (to order with a supplement).
- metal (black and white), brass (brass).
- each size BAB has its own holder.

BAB_COLOURS

White	Curry	Havane	Azur
Dragée	Camel	Kaki	Denin
Ecrú	Orange fifty	Tilleul	Vert de gris
Sable	Rouge	Nude	Paon
Lin	Tabac	Perle	Anthracite

BAB_CABLE



BLACK, WHITE, LIN

- black, white, lin.
- cotton (black and white), linen mix (lin).
- 6.2 mm.
- sold by the metre.

+ BAB_COLLECTION

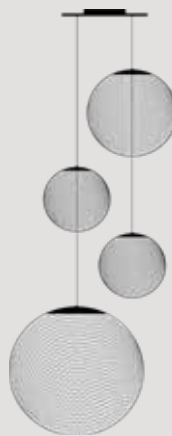
SOLO → p. 14



TRIO → p. 18



QUATRO → p. 20



CINQUO → p. 22



+ BAB_MIX AND MATCH → p. 12

See all the possibilities BAB offers.

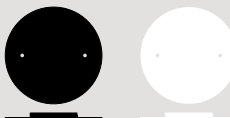
+ BAB_LIFESTYLE → p. 26

What you say...



The **Tecsound**® teams are here to support your projects. Scan the QR code.

BAB_CEILING ROSE



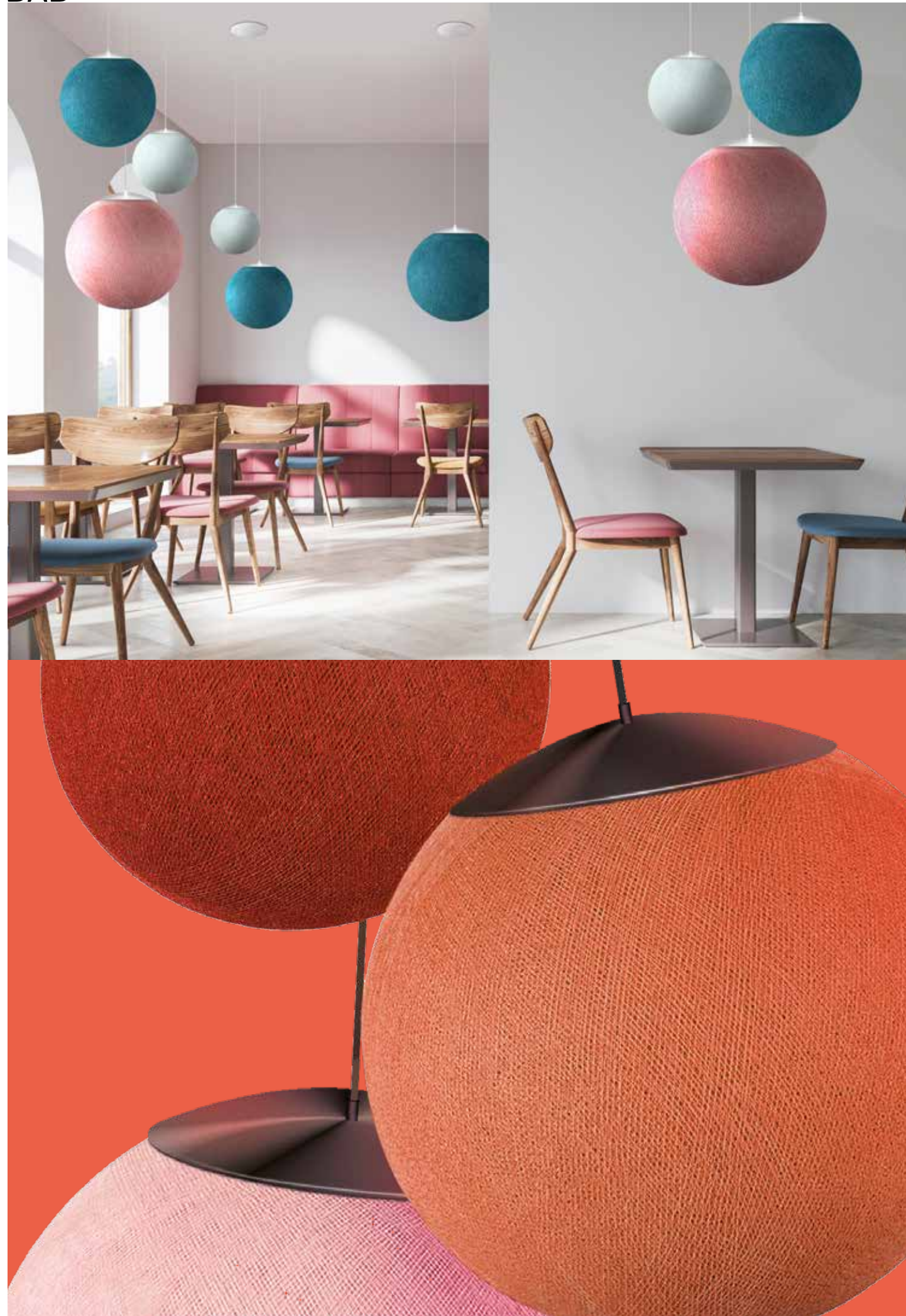
TRIO CEILING ROSE Ø 400

- black gloss or matt, white gloss or matt.
- metal.
- 400 mm.
- 4 side holes, 2 cable outlets.
- conical cable clamp included.

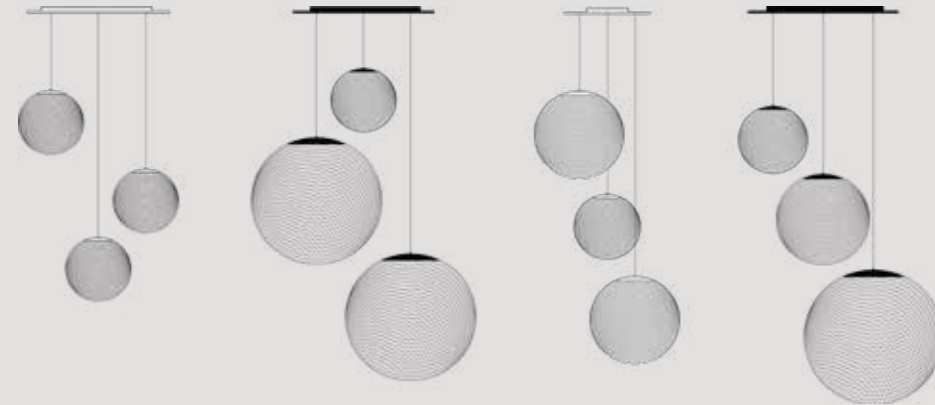


TRIO RECTANGLE CEILING ROSE

- black mat, white mat.
- metal.
- dimension 675 x 225 mm.
- 6 side holes, 2 cable outlets.
- conical cable clamp included.



BAB _TRIO



BAB_COLOURS

White	Curry	Havane	Azur
Dragée	Camel	Kaki	Denin
Ecrú	Orange fifty	Tilleul	Vert de gris
Sable	Rouge	Nude	Paon
Lin	Tabac	Perle	Anthracite

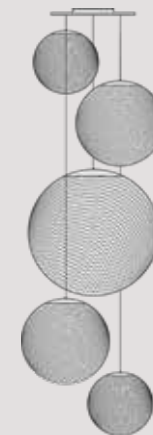
+ BAB_COLLECTION

SOLO → p. 14

DUO → p. 16

QUATRO → p. 20

CINQUO → p. 22



+ BAB_MIX AND MATCH → p. 12

See all the possibilities BAB offers.

+ BAB_LIFESTYLE → p. 26

What you say...



The **Tecsound**[®] teams are here to support your projects. Scan the QR code.

BAB_GLOBE

- **S** Ø 31 cm
- **L** Ø 42 cm
- **XL** Ø 52 cm
- **XXL** Ø 62 cm

BAB_HOLDER



BLACK, WHITE, BRASS

- black (standard colour), white (to order at no extra cost) and brass (to order with a supplement).
- metal (black and white), brass (brass).
- each size BAB has its own holder.

BAB_CABLE



BLACK, WHITE, LIN

- black, white, lin.
- cotton (black and white), linen mix (lin).
- 6.2 mm.
- sold by the metre.

BAB_ROSACE



TRIO CEILING ROSE Ø 400

- black gloss or matt, white gloss or matt.
- metal.
- 400 mm.
- 4 side holes, 3 cable outlets.
- conical cable clamp included.

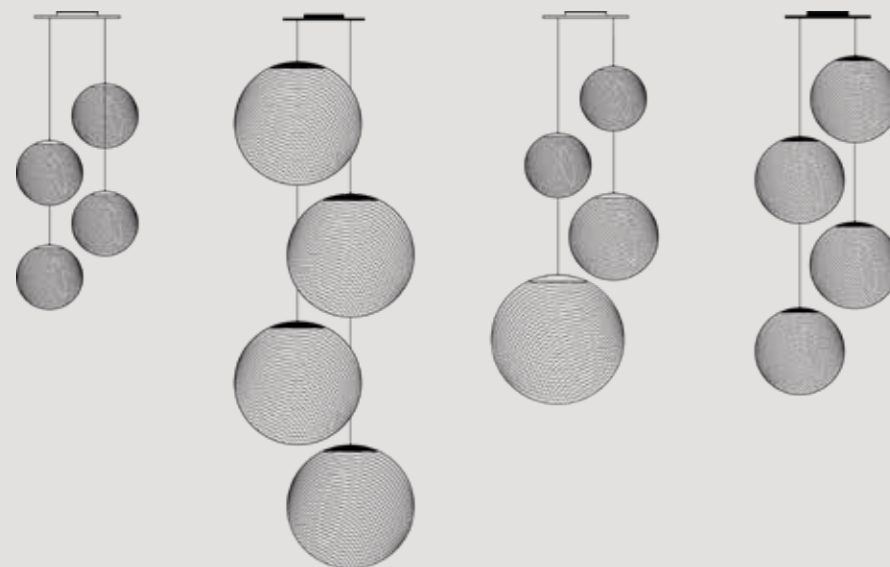


TRIO RECTANGLE CEILING ROSE

- black mat, white mat.
- metal.
- Dimension 675 x 225 mm.
- 6 side holes, 3 cable outlets.
- conical cable clamp included.



BAB_QUATRO



BAB_COLOURS



+ BAB_COLLECTION

SOLO → p. 14



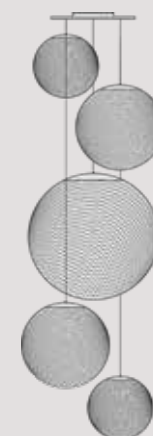
DUO → p. 16



TRIO → p. 18



CINQUO → p. 22



+ BAB_MIX AND MATCH → p. 12

See all the possibilities BAB offers.

+ BAB_LIFESTYLE → p. 26

What you say...



The **Tecsound**[®] teams are here to support your projects. Scan the QR code.

BAB_GLOBE

- **S** Ø 31 cm
- **L** Ø 42 cm
- **XL** Ø 52 cm
- **XXL** Ø 62 cm

BAB_HOLDER



BLACK, WHITE, BRASS

- black (standard colour), white (to order at no extra cost) and brass (to order with a supplement)
- metal (black and white), brass (brass).
- each size BAB has its own holder.

BAB_CABLE



BLACK, WHITE, LIN

- black, white, lin.
- cotton (black and white), linen mix (lin).
- 6.2 mm.
- sold by the metre.

BAB_ROSACE

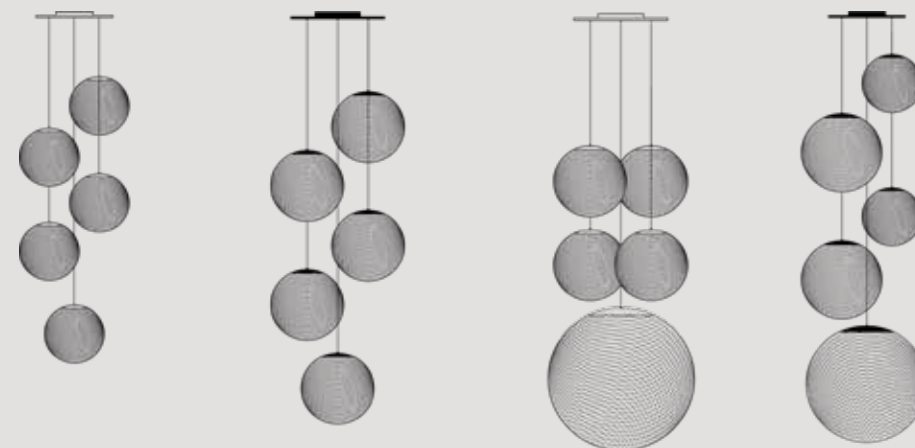


TRIO CEILING ROSE Ø 400

- black gloss or matt, white gloss or matt.
- metal.
- 400 mm.
- 4 side holes, 4 cable outlets.
- conical cable clamp included.



BAB_CINQUO



BAB_COLOURS



+ BAB_COLLECTION

SOLO → p. 14



DUO → p. 16



TRIO → p. 18



QUATRO → p. 20



+ BAB_MIX AND MATCH → p. 12

See all the possibilities BAB offers.

+ BAB_LIFESTYLE → p. 26

What you say...



The **Tecsound**[®] teams are here to support your projects. Scan the QR code.

BAB_GLOBE

- **S** Ø 31 cm
- **L** Ø 42 cm
- **XL** Ø 52 cm
- **XXL** Ø 62 cm

BAB_HOLDER



BLACK, WHITE, BRASS

- black (*standard colour*), white (*to order at no extra cost*) and brass (*to order with a supplement*).
- metal (*black and white*), brass (*brass*).
- each size BAB has its own holder.

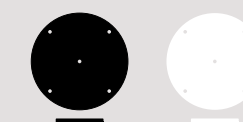
BAB_CABLE



BLACK, WHITE, LIN

- black, white, lin.
- cotton (*black and white*), linen mix (*lin*).
- 6.2 mm.
- sold by the metre.

BAB_ROSACE



TRIO CEILING ROSE Ø 400

- black gloss or matt, white gloss or matt.
- metal.
- 400 mm.
- 4 side holes, 5 cable outlets.
- conical cable clamp included.

BAB can be mixed with light pendants from La Case de Cousin Paul.

BAB_LIGHTING

la case de cousin paul X TECSOUND

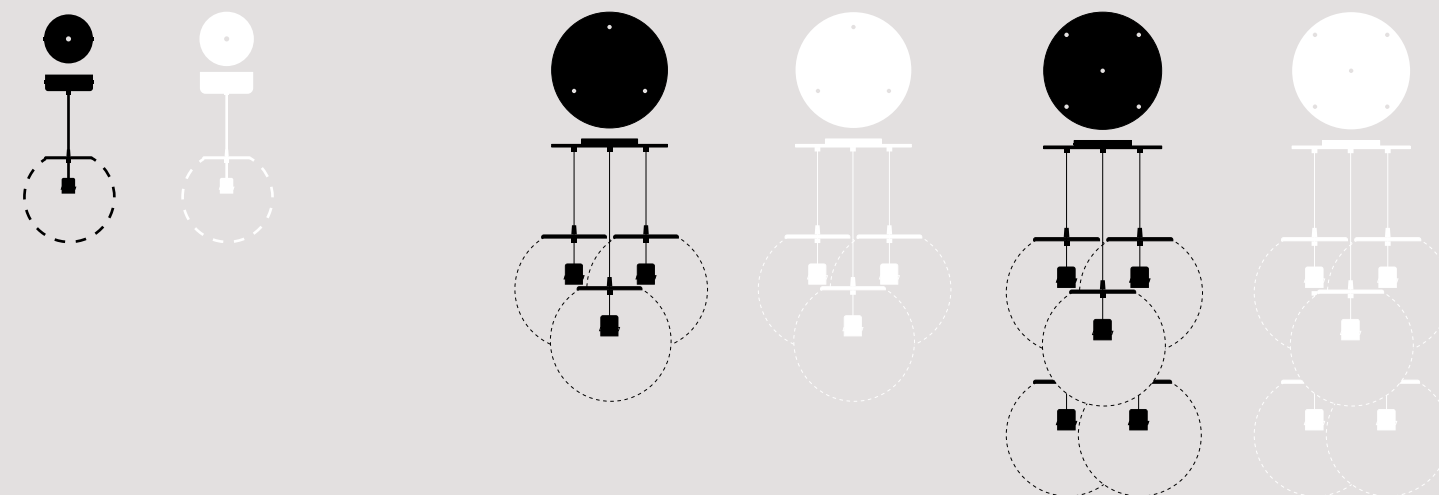
BAB_LIGHTING COLOURS

	White		Havane
	Dragée		Kaki
	Ecrú		Tilleul
	Sable		Nude
	Lin		Perle
	Curry		Azur
	Camel		Denin
	Orange fifty		Vert de gris
	Rouge		Paon
	Tabac		Anthracite

BAB_LIGHTING GLOBE

- **S** Ø 31 cm
- **L** Ø 42 cm
- **XL** Ø 52 cm
- **XXL** Ø 62 cm

BAB_LIGHTING CEILING ROSE



SOLO CEILING ROSE Ø 100

- black gloss or matt, white gloss or matt.
- 1 braided cloth cable 80 cm.
- 1 cylindrical polypropylene ceiling rose (Ø 10 cm) with ring and locking screw.
- 1 E 27 lamp holder (max. 250 V, 4A, certified CE EN60238), max. 60 W.

SOLO CEILING ROSE Ø 400

- black gloss or matt, white gloss or matt.
- 3 braided cloth cables 150 cm, adjustable length or made to measure.
- 1 metal canopy Ø 38 cm with ceiling mountings.
- steel ceiling rose designed and made by La case de Cousin Paul.
- 3 E 27 lamp holders (max. 250 V, 4 A, certified CE EN60238), max. 60W.

SOLO CEILING ROSE Ø 500

- black gloss or matt, white gloss or matt.
- 5 braided cloth cables 150 cm, adjustable length or made to measure.
- 1 metal canopy Ø 50 cm with ceiling mountings.
- ceiling rose designed and made by La case de Cousin Paul.
- 5 E 27 lamp holders (max. 250 V, 4 A, certified CE EN60238), max. 60W.



The **Tecsound** teams are here to support your projects. Scan the QR code.

BAB_LIFESTYLE, WHAT YOU SAY



Erwan Grange_Architect_Lyon



Éléonore Bélair_Architect & interior designer_Cherbouurg



The perfect acoustic solution for our conversion projects.

"As an architect, I have had occasion to use various **Tecsound**® products to meet the acoustic requirements of my projects. Recently, I had the opportunity to work with the **BAB** product, and I have to say it's one of the best acoustic solutions I have come across.

Since I started integrating **BAB** into my projects, I have noted a significant improvement in the acoustic quality of the spaces we design. This product has exceeded all my expectations in terms of performance and acoustic efficiency. Whether in restaurants, reception areas or retail spaces, **BAB** has always provided remarkable results.

What strikes me the most about **BAB** is its versatility. The multiple colours and sizes and the incredible number of possibilities it offers make **BAB** incredibly adaptable to different types of projects and spatial configurations. In addition, it is quick and easy to install, which has been a genuine advantage on some of our projects where the timing was very tight.

Another aspect that sets **BAB** apart is its durability. It is wear-resistant and retains its acoustic properties over time, which guarantees constant, lasting performance in the spaces we design.

As an architect, my main priority is the satisfaction of my clients, and **BAB** has allowed me to reach a high level of satisfaction. The positive feedback I have had from the end users of my projects is further proof of the effectiveness of this product.

I highly recommend **BAB** to all my fellow architects who are looking for an acoustic solution that is decorative, versatile and reliable."



Design, ease of integration and acoustic performance for my renovation projects.

"My main objective as an architect and interior designer is to create spaces that combine visual appeal, comfort and functionality for my clients. Recently, when I was working on a restaurant renovation project, I had the good fortune to discover **BAB**, a revolutionary acoustic product that has transformed the way I approach acoustics in interior design.

Right from the outset on this project we knew that we would be faced with some major issues with the acoustics. Ambient indoor noise could easily upset the harmony of the spaces we wanted to create. It was then that **BAB** came into play. This innovative product enabled us to rise to the challenge with panache.

The first thing that impressed me about **BAB** was the variety of colours, sizes and assembly options. That gave us unprecedented room to be creative, as we were no longer limited by the usual acoustic constraints. We were able to design modern, open spaces without sacrificing acoustic comfort.

Once installed, **BAB** created an effective acoustic barrier that considerably reduced the sound reverberation to create calm, restful spaces for our clients. The results were staggering: the rooms are now conducive to relaxation and calm social interactions.

I pay a great deal of attention to detail. **BAB** has proved to be a product that does not compromise design. Its design and the ease with which it can be integrated into existing structures made it an ideal choice for our renovation project. We were able to keep the overall aesthetic effect intact whilst considerably improving the acoustic performance of the spaces.

The **Tecsound**® team was also on hand with excellent advice all the way through the process. Many thanks to **Tecsound**® for this innovation which takes interior design to another level."

THE_DÉCOKUSTIK_range

Tecsound® has created **DécoKustik**, a range which includes all of its acoustic decoration products.

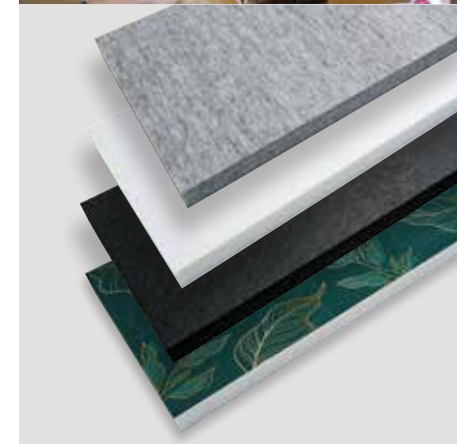
PureKustik, **SopraKustik** and **FibroKustik** complement the **BAB** range.

PureKustik panels are made of recycled polyester wool while **SopraKustik** panels are made of sound-absorbing foam and **FibroKustik** panels are made of wood wool. **PureKustik** and **SopraKustik** panels can be fitted on walls or ceilings or suspended. They can be square or round or customisable in their shapes, colours and finishes.

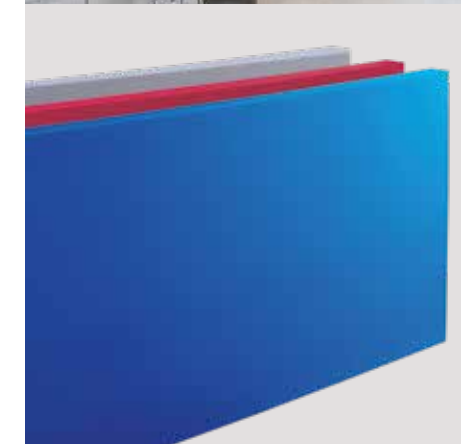


More information on the **DécoKustik** range. Scan the QR code.

_PureKustik



_SopraKustik



_FibroKustik



_Tecsound® SUPPLIES ALL YOUR NEEDS

The **SOPREMA** group's acoustics experts, **Tecsound**® offer a comprehensive range of high-performance, customisable solutions for construction and industry, with solutions to guarantee day-to-day comfort.

For 20 years, **Tecsound**® has been promoting acoustic performance by judiciously building up a wide offering of acoustic materials and products manufactured by the company itself. **Tecsound**® has the acoustic expertise to guarantee day-to-day comfort in homes and workplaces.

Tecsound® offers a wide range of integrated and customised acoustic insulation solutions for construction and industry. They guarantee high performance whilst also simplifying installation processes.



The **Tecsound**® teams are here to support your projects. Scan the QR code.



contact@tecsound.fr



Call us on:
+33 (0)3 88 02 11 79

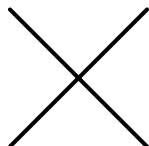
TECSOUND®
SOPREMA

INSULATION & ACOUSTIC CORRECTION

www.tecsound.fr

BAB

BEAUTIFUL • ABSORBING • BALL



TECSOUND[®]

SOPREMA
INSULATION & ACOUSTIC CORRECTION



Call us on
+33 (0)3 88 02 11 79



The **Tecsound[®]**
teams are here to support your projects.



contact@tecscsound.fr
www.tecscsound.fr

