

 **BARRISOL**®

Enhanced Climatisation for your well-being®

ORIGINE
FRANCE®
GARANTIE

BVCert. 6039707
Plafond tendu



Silent, invisible and even*

www.barrisol.com

Architect: Bontinck

*Only guaranteed with Barrisol Bio-sourced sheet



Architecte : AID Architecten

Barrisol[®] Clim[®]: the technical and practical benefits

It handles all the technical functions in one unit:

- Heating and cooling
- Area ventilation / Free cooling
- Acoustic and/or luminous membrane
- Option to integrate sound or projected video

Combining beauty and flexibility:

- No unsightly technical components on show
- Eliminates visible ventilation hardware. Frees up space on your walls and in your home
- Optimises the height of your plenum

Unparalleled comfort for enhanced well-being:

- Quiet
- Acoustic absorption
- A consistent temperature throughout
- A heightened system response time allows the unit to reach the desired temperature quickly
- No draught

Powerful and economical:

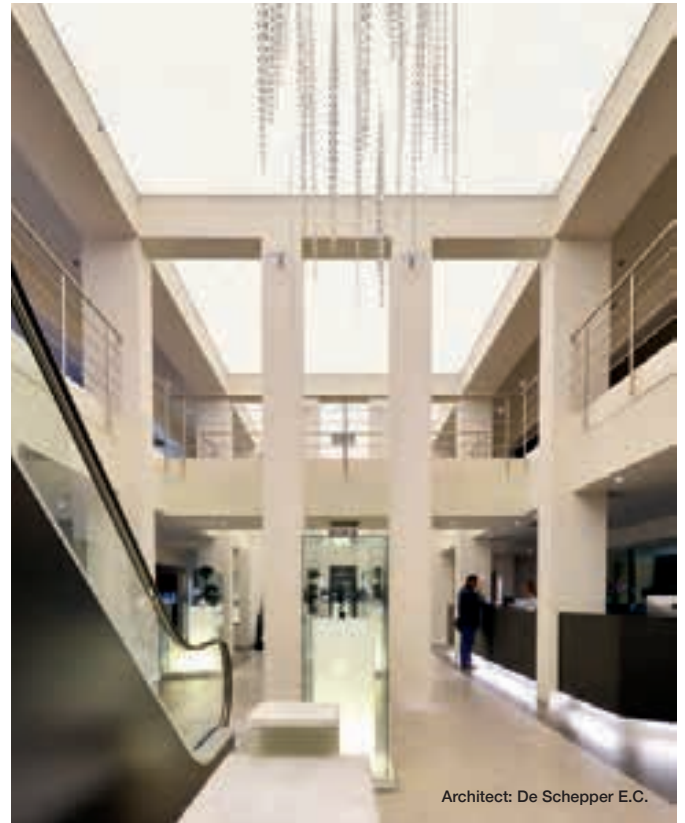
- Uses between 5 and 10% less energy than standard air-conditioning
- Environmentally friendly (less energy, less matter) **AAA cold** and **AAA hot** performance, according to the ISO 7730 standard
- Minimal maintenance required

Clim® Acoustics®

Clim® Acoustic Light®



Architect: Ante Architecten



Architect: De Schepper E.C.

▶▶▶ **A15 NANOPERF® SINGLE-SHEET**

▶▶▶ **A15 NANOPERF® LUMINOUS DOUBLE-SHEET**

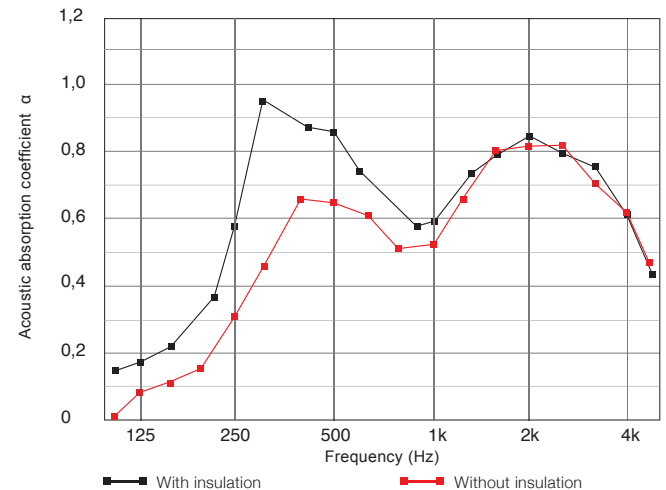
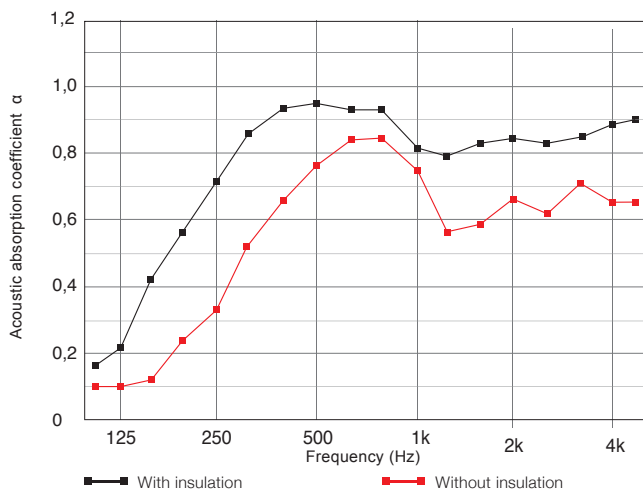
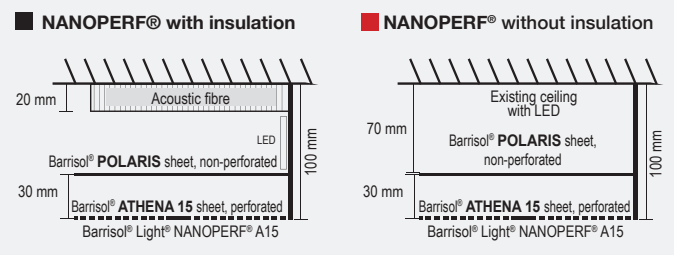
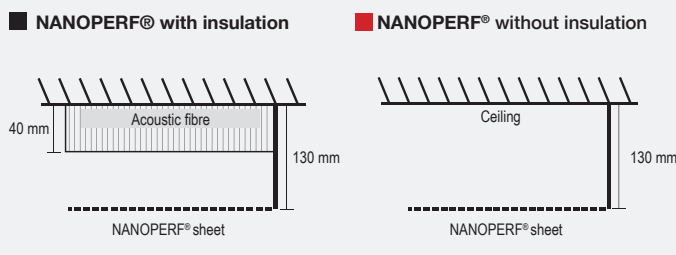
NANOPERF® A15 characteristics

Holes: 500 000/m²
 Hole diameter: ≈ 0,1 mm
 Perforation rate: ≈ 1 %
 Thickness: ≈ 0,18 mm
 Reference: A15 + colour reference



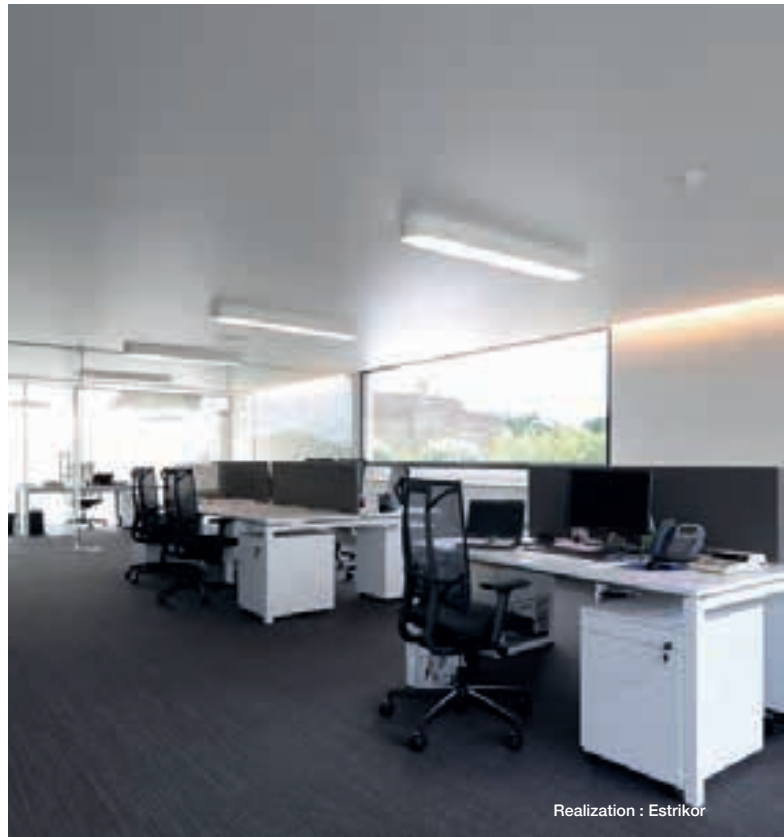
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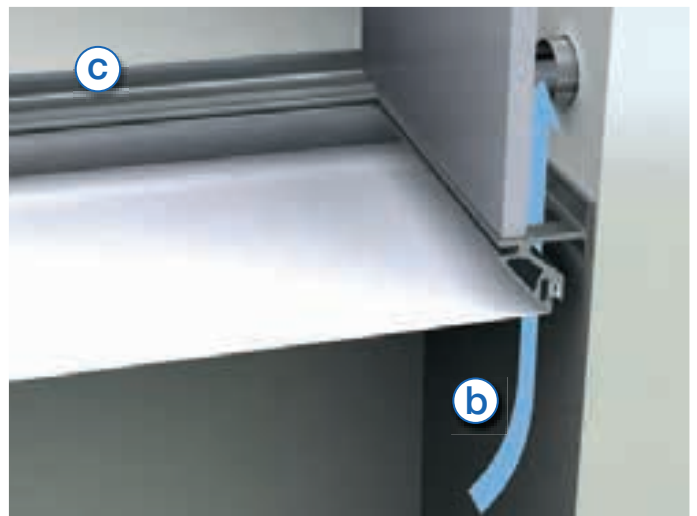
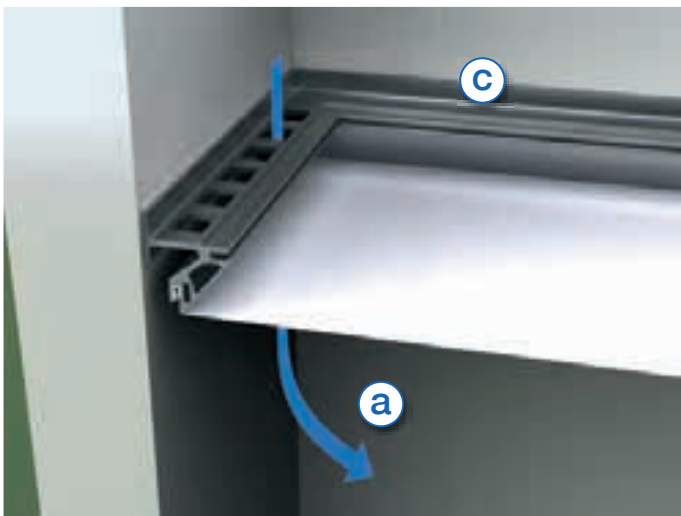
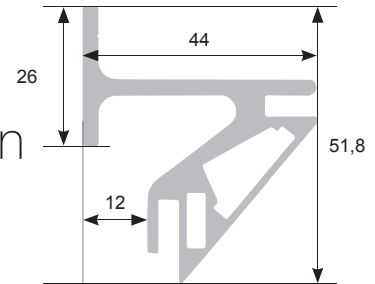


Architect : Sintoplan



Realization : Estrikor

Barrisol[®] Clim[®] : An innovative design



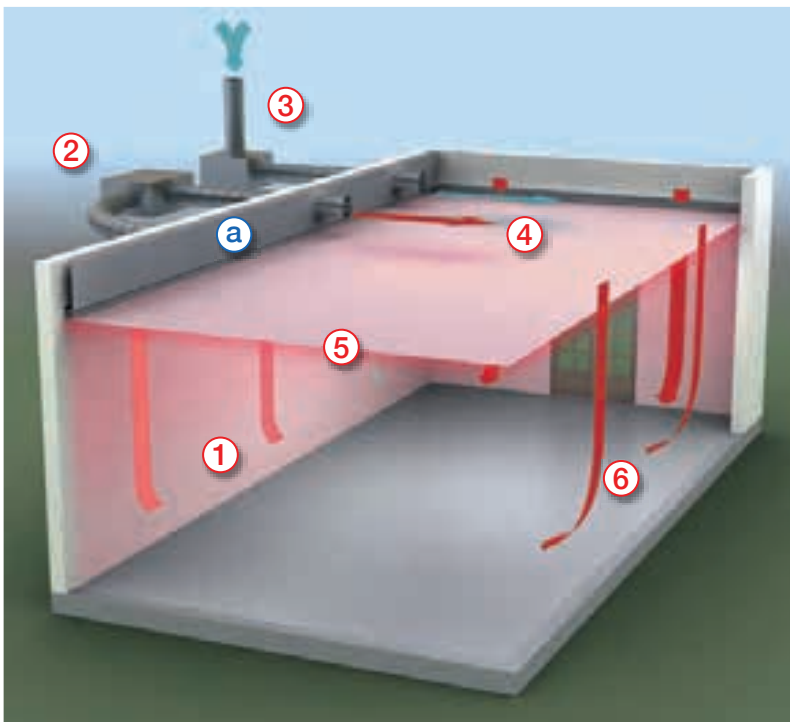
With its unique and patented open shape, the Barrisol[®] Clim[®] can transfer air either by **blowing** (a) or by **suction** (b) between the plenum space and the rest of the room.

The **solid** version (c) of the unit allows you to prevent air passing through certain walls.



Realization : Estrikor

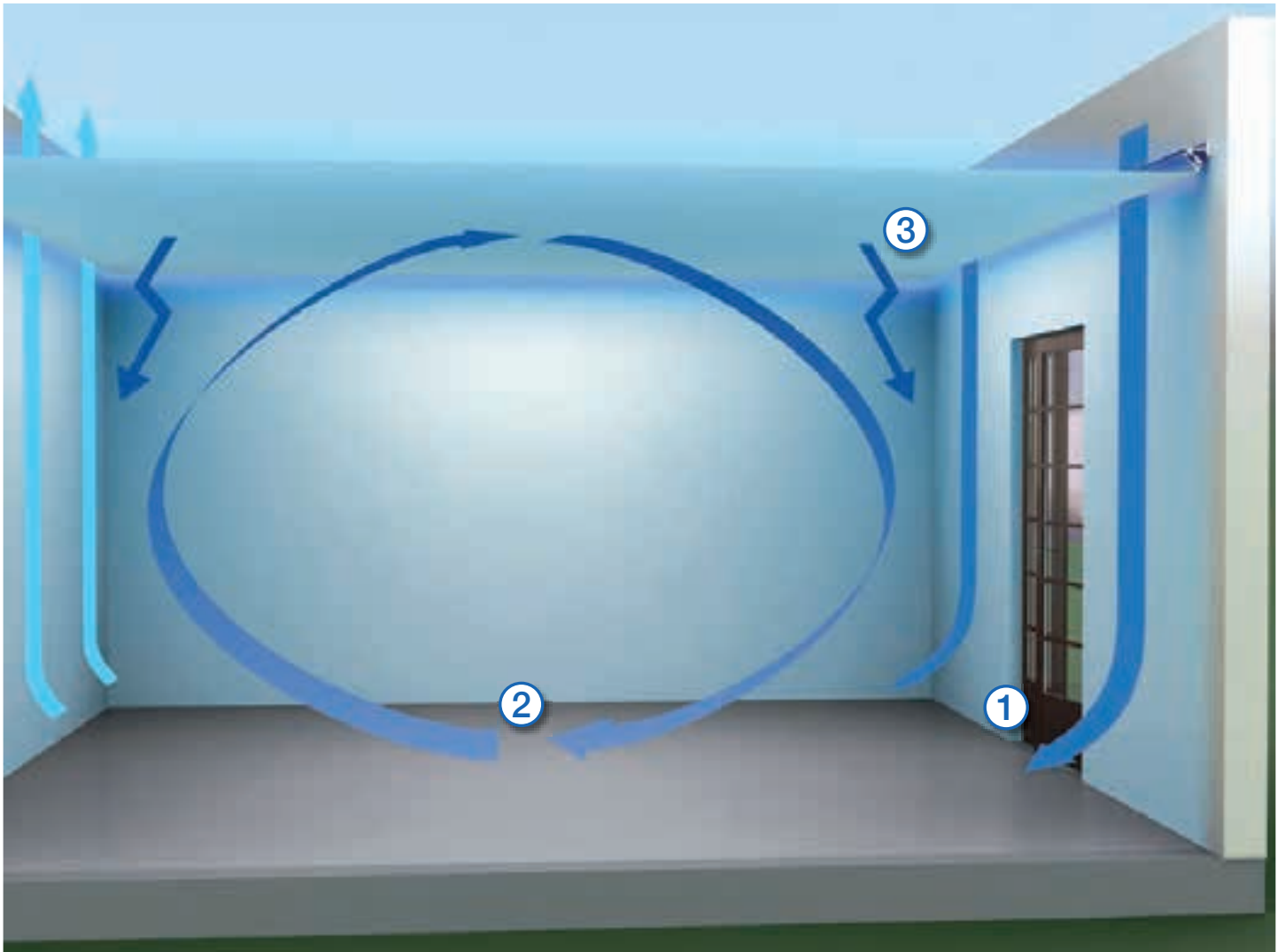
Barrisol[®] Clim[®] : for clean, healthy air and a constant temperature



- ① Ambient air is taken in along the inner walls of the room, then channelled through a separating wall **a**, supported by the special Barrisol[®] Clim[®] unit.
- ② The air enters the air conditioning unit*, where it is filtered and heated or cooled before being released into the plenum between the upper panel and the top of the Barrisol[®] Clim[®].
- ③ A ventilation chamber can be connected to the system to inject new clean air into the plenum.
- ④ The conditioned air blends effectively with the new air and is distributed throughout the volume of the plenum.
- ⑤ The Barrisol[®] Clim[®] ceiling becomes one huge diffuser, radiating heat or coolness across the entire surface.
- ⑥ The conditioned air flows slowly over the outer walls.

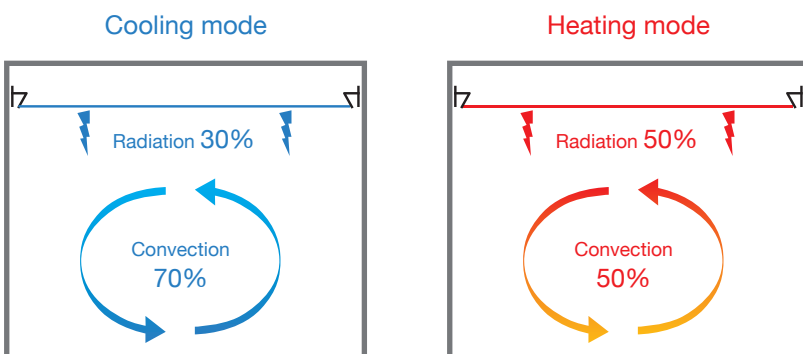
* The Barrisol[®] Clim[®] system is compatible with all hot- and cold-air production technologies which use forced air. Contact your approved Barrisol[®] installer for more information.

Barrisol® Clim®: Conditioning your air through the ceiling



- ① Whether in summer or winter, conditioned air will flow gently over the outer walls. This eliminates any unpleasantly hot or cold walls.
- ② A natural flow of air develops throughout the space inside the room, at speeds so low they are barely perceptible.
- ③ Heat radiates through the entire surface of the ceiling, providing pleasant, gentle heat or coolness.

An example of the thermal distribution provided by the system

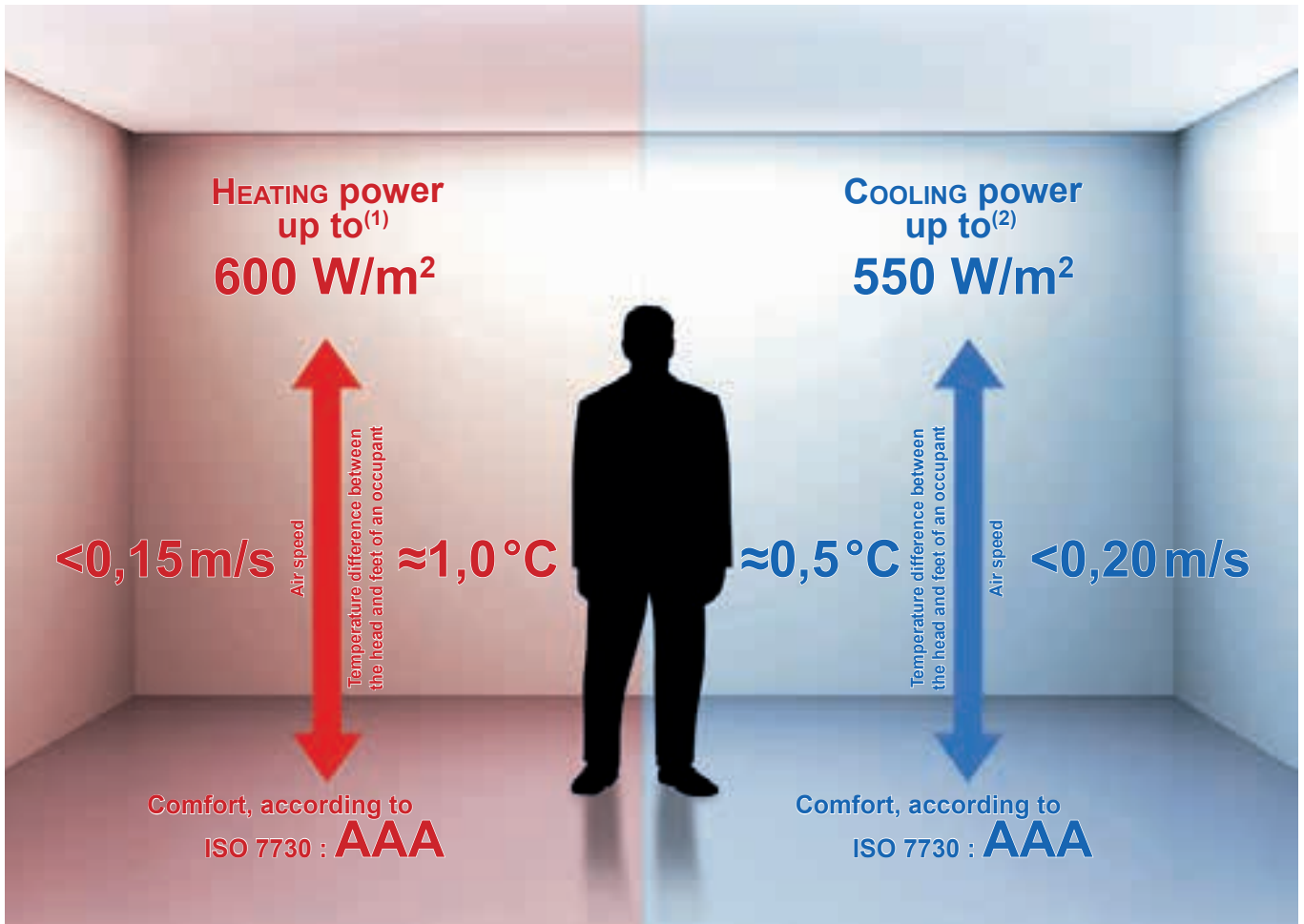


Thanks to the consistent wall temperatures, the natural air flow and the large heat-exchanging surface of the ceiling, Barrisol® Clim® provides unparalleled comfort whether heating or cooling your home.

Occupants are surrounded by a gentle sensation of warmth or coolness. There is no noise and no air disturbance.

The ceiling works to radiate the heat or coolness extremely quickly. You'll feel a notable change in temperature within minutes.

Barrisol® Clim® : a breeze so gentle you'll hardly feel it



(1) with no risk of deforming the stretched sheet ceiling

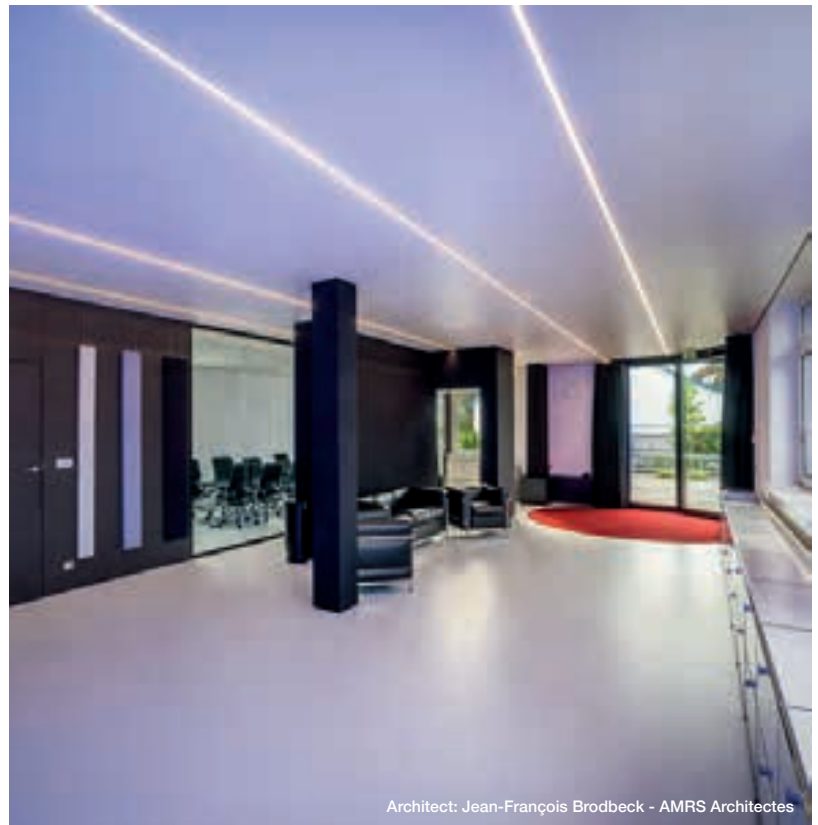
(2) with no risk of condensation on the stretched sheet ceiling

Barrisol® Clim® evens out the temperature of both your walls and the air, wherever you are in the room.

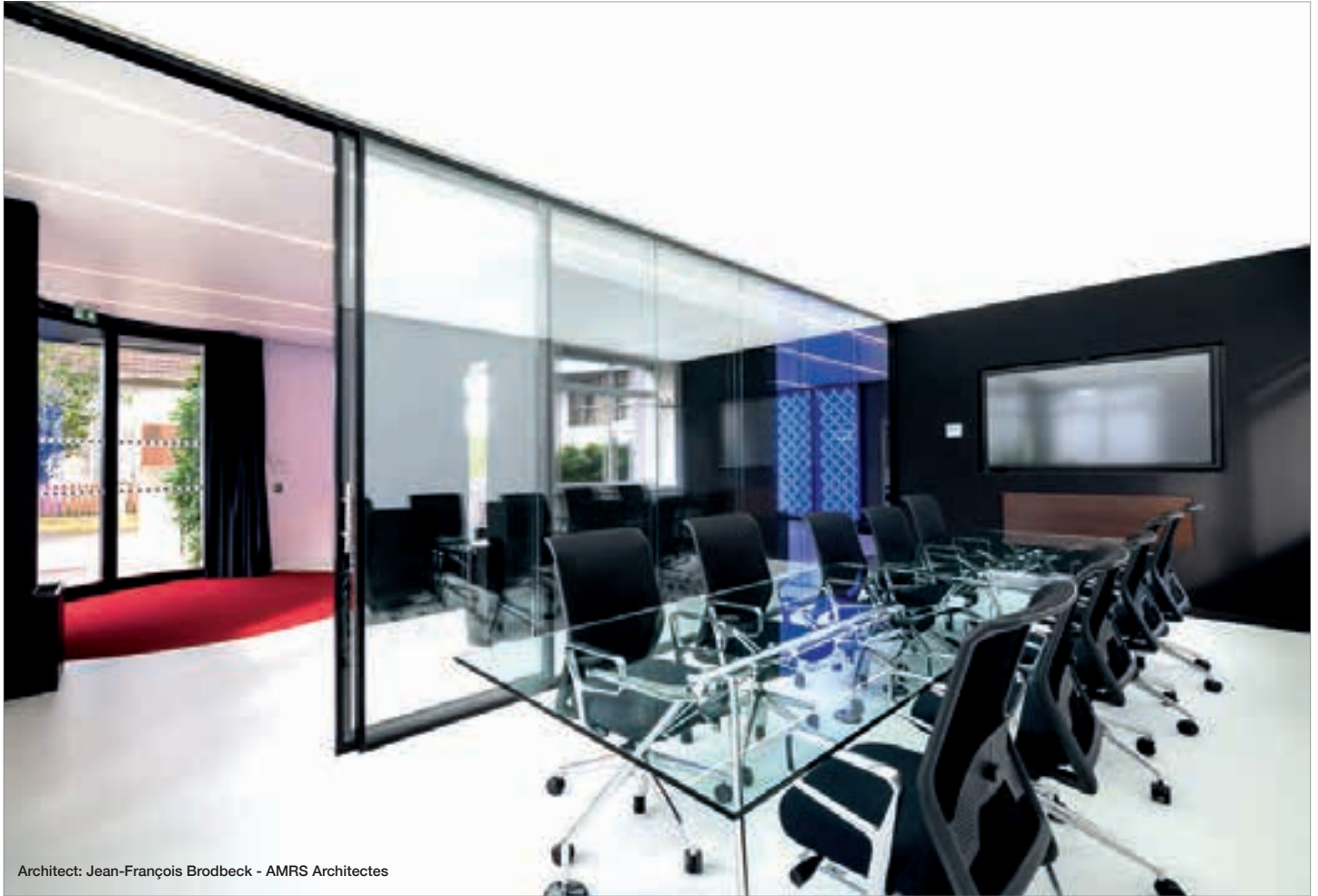
The extremely low temperature difference between the head and the feet of an occupant (1.0°C in heating mode and 0.5°C in cooling mode), alongside the almost imperceptible air speed, means that Barrisol® Clim® can provide unparalleled comfort.

Unlike "static" air conditioning ceilings (which use hydraulic tubes), Barrisol® Clim® offers almost unlimited power.

The admissible power of 600W/m² while heating and 550W/m² while cooling ensures that it can meet your heating and cooling needs, wherever you are on the planet.



Architect: Jean-François Brodbeck - AMRS Architectes



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Acoustic luminous Climatisation

Our **Engineering Department** is at your service to study and carry out your project.

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JANUS 2015 DE L'INDUSTRIE	TOP DESIGN EUROPEAN DESIGN	TROPHÉE ALLIAGE INNOVATION 2015	BELGAN BUILDING AWARDS 2015 BEST DESIGN	DECIBEL D'OR 2014	TROPHÉE DE L'INNOVATION BATIMAT 2013	TROPHÉE DU DESIGN EUROPEAN DESIGN 2011	GRAND PRIX DE L'INNOVATION BATIMAT 2011	LE INNOVATION ALLIAGE LE DÉFINISSEUR POLONNE	PRIX DE LA FORME STAR STANO BARRISOL TURQUIE	MÉDAILLE D'OR BARRISOL SPORTS	PRIX DU PRODUIT BARRISOL, ECOTECH FRANCE	GRAND PRIX BARRISOL ALLEMAGNE	BELGAN BUILDING AWARDS BARODON BELGIQUE	PRIX CERTIFICAT CANADA	EXCELLENCE AWARD IT PLACE CONSTRUCTION USA	PRIX DE L'INNOVATION BARRISOL ALLEMAGNE	PRIX DE L'INNOVATION BARRISOL ALLEMAGNE	PRIX DU DESIGN CEECA REPUBLIC	MÉDAILLE D'OR CONSTRUCTION
PRIX DU MEILLEUR PRODUIT BARRISOL LUMÈRE POLONNE	INNOVATION ET QUALITÉ POLONNE	PRIX DESIGN ET TECHNOLOGIE BARRISOL, STAR ALLEMAGNE	PRIX EXCELLENCE BELGIENNE L'AMBI CARON	PRIX D'EXCELLENCE CEECA USA	PERFORMANCE ET QUALITÉ CANADA	MENTION D'HONNEUR EPISODE BY PIRELL	MÉDAILLE D'OR DECOR EUROPE CHINE	PRIX DE L'INNOVATION INTERIORS RESOURCES AUSTRALIE	MÉDAILLE D'OR DU PRODUIT CHINE	MÉDAILLE D'OR DU PRODUIT CONCEPT CEECA REPUBLIC	PRIX PRIME ET TECHNIQUE MEILLEUR BARRISOL CEECA REPUBLIC	MÉDAILLE DE BRONZE INNOVATION BATIMAT FRANCE	OSCAR HONNEUR BARRISOL STAR	L'EXCEPTIONNEL SUISSE	PRIX SPECIAL DU JURY THERMAL BARRISOL FRANCE	OSCAR INNOVATION NATIONAL DES ARCHITECTES D'INTERIEUR	COUPE DU PRODUIT D'AMBI CARON FRANCE	LABEL D'ESTHETIQUE INDUSTRIELLE FRANCE	MÉDAILLE D'ARGENT POOL INNOVATION BATIMAT FRANCE



*Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).

*Information on the emission level of volatile substances indoors, based on the risk of toxicity due to inhalation, on a scale ranging from Class A (very low emissions) to C (high emissions).

*Informationen über den Emissions von flüchtigen Substanzen in Innenräumen, klassifiziert von A+ (sehr niedrige Emission) bis zu C (hohe Luftbelastung) bezogen auf das Risiko der Verunreinigung der Atemluft mit toxischen Substanzen.