

Aircone

Designer: Stefan Borselius

Aircone is the sequel to Stefan Borselius's highly successful Airflake. Its design language is comparatively strict and more graphic. Combining the conforming modules with each other elicits a dynamic interplay of lines and shadows. Aircone screen formations are more solid than those of its predecessor, enabling the creation of clearer room divisions. Yet, it is also possible to leave openings to allow light to pass through or to create interesting patterns.

Acoustic qualities:



Absorption



Diffusion

Product range: Suspended absorber

Dimensions (wxh mm): Aircone 465x405x85 (10 pcs) is described in this technical data sheet. However, there are other versions of Aircone available.

Content:

Material	Specification	Weight (g)	Share %	Disposal
Plastic	PA clips	84	5,1	Recycling
Molded polyester & polyester felt ¹	Filling including upholstery	1 550	94,9	Recycling ²
Total		1 634	100	
Packaging – Cardboard ³	Cardboard	332		
Packaging – Plastic ³	Plastic bags	2		

¹ Customer choice, weight may vary.

² Can be recycled when returned to Abstracta.

³ Packaging varies between order sizes.

Acoustics

Absorption ISO 20189: $N_{10}=12,5$

Absorption ISO 11654:

$\alpha_w=0,9$, NRC=0,85, Class A¹

¹ Mounted on wall

Flame resistance

EN 13501-1:2007: C-s2,d2¹

EN 13501-1:2007: B-s1,d0²

¹ Cover with Filt Air

² Soundfelt VF

Lightfastness

EN ISO 105-E16:2007: 5^{1,2}

¹ Cover with Filt Air

² Soundfelt VF

Emissions

EN ISO 16000-9:2006:

- TVOC – Pass
- Formaldehyde – Pass
- CMR 1A+1B – Pass
- Single VOC ($\mu\text{g}/\text{m}^3$) – Pass

Free from added flame-retardant chemicals as standard

Möbelfakta

This product has been declared and approved to criteria of Möbelfakta:

Quality: This piece of furniture must meet established international technical standards

Environment: All stages of the manufacturing process must be green, from raw materials to finished product.

Responsible supply chains: All stakeholders in the supply chain take social, environmental, and ethical responsibility.



MÖBELFAKTA

The Nordic Swan

This product has been declared and approved to the criteria of The Nordic Swan:

Environment: All of the manufacturing process must follow environmental requirements

Chemicals: The product cannot contain any harmful chemicals

Goods and suppliers: The entire supply chain must take responsibility for the social, environmental, and ethical sustainability of the product



Acoustic facts

The impact of our acoustic products is presented at acousticfacts.com, where products can be compared in an objective way. This ensures that all technical data is accurate and meets international, European, and Swedish standards.



abstracta

Sustainability

As a part of our sustainability work, we are certified according to following standards and quality labels:

ISO 9001, ISO 14001 & ISO 45001



Management systems for quality, environment, occupational health, and safety.

We and our suppliers need to commit to Lamhults Design Group's Code of Conduct.

Environmental impact

An EPD is available for the product. The EPD has been third-party reviewed and is published at EPD Norway. The results of the EPD shows that an Aircone 465x405x85 (10pcs) releases 3,84 kg CO_{2e} from Cradle-to-Gate. The full EPD, where the results of other variants of Aircone also can be seen, is available here: [EPD - Aircone](#).



Global Goals

The UN Sustainable Development Goals are the basis of our environmental work. We focus on the five goals to which we can contribute most.

Goal # 3 – Good health and well-being

Goal # 5 – Gender equality

Goal # 8 – Decent work and economic growth

Goal # 12 – Responsible consumption and production

Goal # 15 – Life on land

Care instructions

Fabric

To maintain the color and appearance of the fabric, it should be vacuum cleaned regularly with a soft nozzle.

Stain Removal for Polyester:

- Use colorless towel or a washcloth to absorb as much as possible of still-moist stain. Dried stains should be vacuumed.
- Wet the stain sparingly with a white pure cotton cloth, warm water and possibly a little pH-neutral cleaner.
- Dab the area with a dry cloth or colorless paper towel to absorb the moisture and stain.
- Repeat this process until the stain is gone.
- On the final repetition, use only clean water with no detergent added.
- Finish by dabbing up moisture with a dry cloth or paper towel.

Zero-waste with Abstracta's recycling service

We offer a recycling service for our clients. We've simply started to collect worn-out acoustic panels and other products for renovation, reuse, or recycling. To facilitate circularity, all our products are module-based. Thus, they are easy to repair, easy to reuse, and easy to recycle. This way, we contribute to a sustainable future.

5-year warranty and 10-year spare parts warranty.

For further information: abstracta.se