

# Airbloom

Designer: Stefan Borselius

The original idea behind Airbloom is the most iconic symbol of the nature: the blooming flower. Airbloom imbues the room with positive visual energy, while creating a more harmonious soundscape. As with the other Air series products, Airbloom offers a simple way to dampen noise and create separate areas without compromising the room's openness. Airbloom is available in a great many colours, giving you plenty of freedom to create the partition you want.

Acoustic qualities:



Absorption



Diffusion

**Product range:** Suspended absorber

**Dimensions (wxh mm):** Airbloom 475x510 (10 pcs) is described in this technical data sheet. However, 3 pcs are also available

**Content:**

Material	Specification	Weight (g)	Share %	Disposal
Plastic	PA clips	20	0,8	Recycling
Molded polyester & polyester felt <sup>1</sup>	Filling including upholstery	2 570	99,2	Recycling <sup>2</sup>
Total		2 590	100	
Packaging – Cardboard <sup>3</sup>	Cardboard	550		
Packaging – Plastic <sup>3</sup>	Plastic bags	8		

<sup>1</sup> Customer choice, weight may vary.

<sup>2</sup> Can be recycled when returned to Abstracta.

<sup>3</sup> Packaging varies between order sizes.

## Acoustics

Absorption ISO 20189:  $N_{10}=33,3$

Absorption ISO 11654:

$\alpha_w=0.35$ , NRC=0,40, Class D<sup>1</sup>

Scattering ISO 17497:2004

<sup>1</sup> Free hanging

## Flame resistance

EN 13501-1:2007: C-s2,d2<sup>1</sup>

EN 13501-1:2007: B-s1,d0<sup>2</sup>

<sup>1</sup> Cover with Filt Air

<sup>2</sup> Soundfelt VF

## Lightfastness

EN ISO 105-E16:2007: 5<sup>1, 2</sup>

<sup>1</sup> Cover with Filt Air

<sup>2</sup> 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](https://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 Lammhults 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 Airbloom 475x510 (10pcs) releases 5,32 kg CO<sub>2e</sub> from Cradle-to-Gate. The full EPD, where the results of other variants of Airbloom also can be seen, is available here: [EPD - Airbloom](#).



Global program operator

### 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](https://abstracta.se)