



AirAdvanced® Treatment ODOR COVER SOLUTION

Traditionally, basins with high odor emissions are fully enclosed to contain the generated emissions, which are then channeled to a specialized treatment system for the removal of contaminants. This type of solution, combining enclosure with a specific deodorization system, involves very high investment costs, especially as these basins often cover large surface areas.

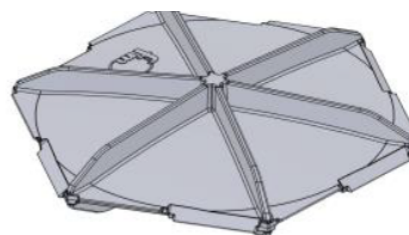
DESCRIPTION OF THE TECHNOLOGY

SUEZ AIR & CLIMATE has developed a covering technology that utilizes **floating hexagonal-shaped pieces**, providing a **robust, economical, sustainable, and long-lasting solution**.

This technology enables the covering of basins in a very simple and fast manner, without requiring additional treatment.

The floating cover is the ideal solution to control:

- Odors
- Emissions
- Evaporation
- Algae and microorganism growth
- UV ray effects
- Heat loss
- Additionally, it prevents birds from accessing the covered surfaces.



ADVANTAGES AND BENEFITS OF THE SOLUTION



Free and unlimited access to
the liquid



Significantly lower cost
compared to traditional cover
technologies



Resistant to rain, wind, snow,
and frost



No weak points, air holes, or
injection points

KEY FIGURES

>25 years
of **Service Life**.

99,9%
Surface **Coverage**.

95%
Emission Reduction.

90%
Odor Reduction

DESIGN AND EFFICIENCY DATA

The installation of the floating cover is very straightforward. The pieces are transported in big bags or containers, and the installation process simply involves pouring them onto the surface, regardless of whether the basin is full or empty.

It is worth highlighting:

- Thanks to the specific design of the hexagonal piece, it automatically distributes itself to create a complete cover, leaving no uncovered spaces.
- Installation can be carried out on both full and empty surfaces.
- Distribution on liquid surfaces is automatic.
- It allows for automatic adaptation to level changes.
- It adjusts to all shapes and geometries.
- It is modular: easily adaptable to larger or smaller surfaces.

Performance

- Coverage of up to 99.9% of the surface.
- Reduction of water evaporation by up to 95%.
- Emission reduction by up to 95%.
- Stable and consistent odor reduction of up to 90%.
- Significant reduction in algae and microorganism proliferation.
- Noticeable reduction in heat loss.

INDUSTRIAL APPLICATIONS

SUEZ AIR & CLIMATE technology can be applied to almost any type of liquid surface, such as:

- Ponds
- Lagoons
- Lakes
- Reservoirs
- Tanks
- etc.

SUEZ Smart
Environmental
Solutions Spain S.L.U.

AIR & CLIMATE

For more information:

air-climate-sp@suez.com