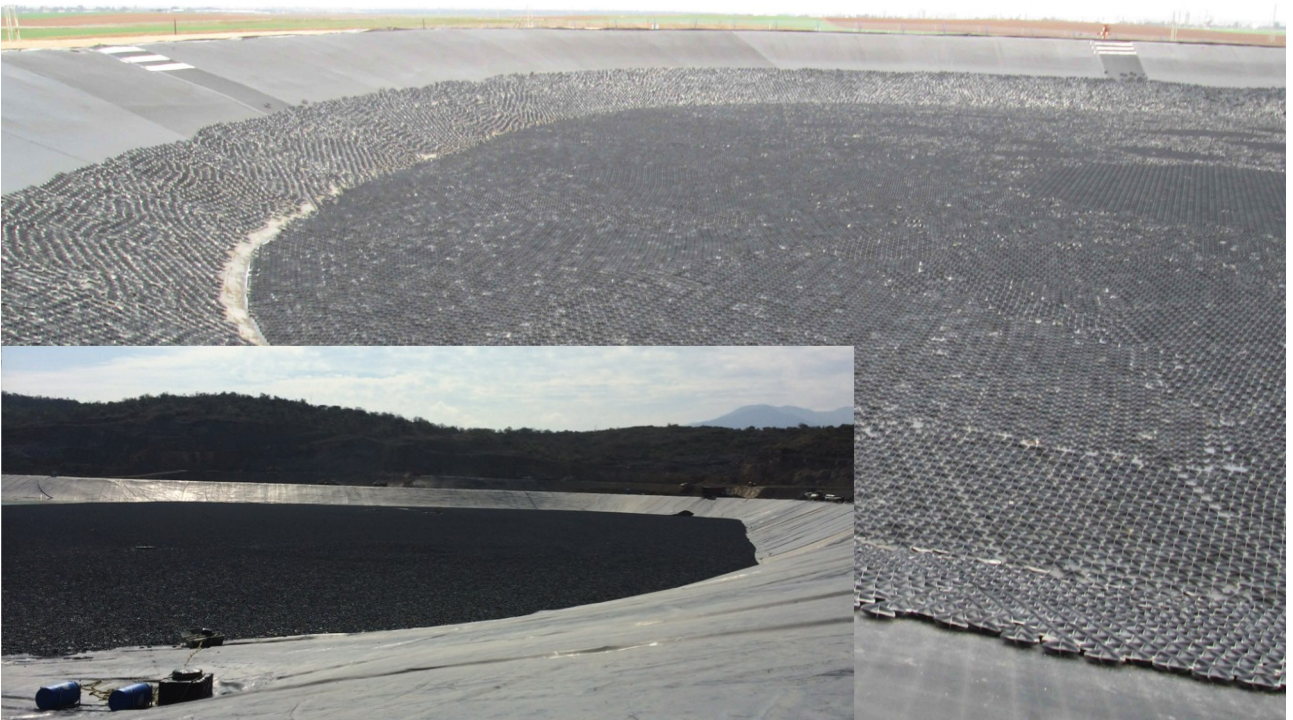
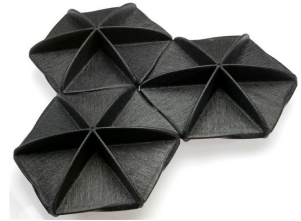


**HEXA-COVER**<sup>®</sup>  
COVER YOUR LIQUIDS



## Hexa-Cover<sup>®</sup> Floating Cover

for controlling such things as:

**Odor**

**Heat loss**

**Emission**

**Evaporation**

**Organic- / Algae growth**

**Bird Deterrent**



Hexa-Cover<sup>®</sup> Floating Cover R114 is manufactured in North America

# HEXA-COVER®

COVER YOUR LIQUIDS



Since its launch in 2004, the Hexa-Cover® Floating Cover has grown to be the leading solution for floating covers.

The unique and patented Hexa-Cover® Floating Cover is a brilliant cover on almost any kinds of liquids.

Hexa-Cover® Floating Cover is the ideal solution for **eliminating** such things as:

- **Evaporation**
- **Organic / Algae growth**
- **Emission**
- **Odor**
- **Heat loss**

Today Hexa-Cover® Floating Cover is in use on all forms of basins, lagoons, reservoirs, containers, ponds and tanks and is used in several applications within i.e.:

## Water

- Reservoirs for Fire Protection
- Reservoirs for irrigation water
- Reservoirs for collected surface water reuse
- Bird deterrent
- Spill over tanks
- Wastewater tanks and reservoirs
- Cooling / process water reservoirs
- Reserve water reservoirs
- Compensation tanks
- Water Settlement Lagoons

## Leachate

## Decoction

## Chemical tanks

## Oil

## Agriculture

- Storage facilities
- Biogas plants
- Slurry/Manure tanks (pigs, cows, poultry, mink)
- Drinking trough



## Napa Berryessa Resort Improvement, CA 94558

Hexa-Cover® Floating Cover is installed at Lake Berryessa Wastewater Treatment plant, 1465 Steele Canyon Road, Napa. The application is to cover two concrete equalization basins.

## Process:

Raw sewage from homes and resort, flow from gravity and lift stations into headwork's Lakeside Spiral Screen, screened water into two equalization basins with Hexa-Cover® Floating Cover, then to Ovivo MBR, to effluent basin or alternate overflow basin, then pumped to reservoir off site for land application. Plant flow capacity approximately 30,000 GPD now and at build out 60,000 GPD.

"The visit to the plant was a bit amazing. There was no odor from the "Hexa-Covered" EQ Basins. These EQ basins have very high odor potential and algae potential because of the heavy nutrients coming off the screen. There was no algae, the discs as advertised interlocked, they floated up and down with no problem, and could not help but reduce evaporation.

A solid cover presented safety issues, the discs did not. Summit Engineers was going to put aeration in these basins but saw a sample of the Hexa-Cover® product, called references then recommended the Hexa-Cover® installation. It penciled out better than aeration. That was important to this design build project, which Western Water Constructors, Inc. did with Summit.

Adjacent to these equalization basins are the effluent basin and overflow basin – please see attached pictures. These two basins were covered with algae. The point; the Hexa-Cover® Floating Cover eliminates Algae!

As proof, side by side basins, same plant, same time, two "Hexa-Covered" basins without algae and two uncovered basins with heavy algae. Also, no odor from the EQ basins.

The discs arrived in large sacks. Installation was simple; they simply dumped the discs into the basins. Installation was less than an hour. Contrast that to an aeration system"





# HEXA-COVER®

COVER YOUR LIQUIDS



## Hexa-Cover® Floating Cover:

Can be installed in both empty and full (max 5 meter drop)



## Hexa-Cover® Floating Cover:

“Sloped walls”: At changes in the level of the liquid, the Hexa-Cover® Floating Cover will automatically be activated and create a coherent cover



## Hexa-Cover® Floating Cover:

Effective, easy, maintenance free and long lived

Picture:

104.000 m<sup>2</sup> / 1.120.000 ft<sup>2</sup> Tailing Pond (controlling evaporation)



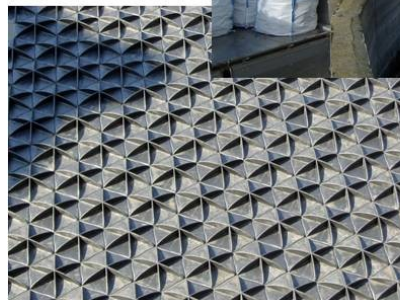
## Hexa-Cover® Floating Cover:

Hexa-Cover® Floating Cover come in big-bags, or in containers. The tiles are simply poured onto the surface, where after the Hexa-Cover® Floating Cover automatically distribute and create a coherent cover



## Hexa-Cover® Floating Cover:

Very easy and simple installation





## The Hexa-Cover® Floating Cover ensure:

- Up to 99,9% coverage of the surface
- Up to 95% reduction of evaporation from water surfaces
- Up to 95% stable and constant reduction of emission (i.e. ammonia)
- Up to 90% stable and constant reduction of odors
- Noticeable reduction in organic growth such as algae, weeds etc.
- Noticeable reduction in heat loss

## Features and benefits:

- Storm resistance (R114 tested up to 32 m/s)
- Ease of installation, no need for any special equipment
- Installation on both full and empty "tank"
- Automatic distribution of floating tiles on liquid surface
- Automatic adaption to changes in the level
- Fits to all shapes and geometries
- Easy adaption to bigger/smaller surfaces by adding/removing tiles
- 360° free and unlimited access to the liquid for e.g. measuring, emptying or stirring
- Life expectancy of 25 years
- Favourable price
- No running cost
- No repair cost
- No maintenance cost
- No insurance cost
- Significant reduction of heating cost
- Represent a substantial value if sold secondhand
- Unaffected by rain, snow and frost
- Allows installation of aeration to ensure aerobic conditions are maintained
- "Invisible" - the solution does not disfigure the landscape

The Hexa-Cover® Floating Cover is also the environmental friendly solution as it is manufactured of 100% recycled plastic without any use of Freon or other harmful materials.

## The Hexa-Cover® Floating Cover;

- Is the solid, robust and long lasting solution
- Has no weak spots, no blow- /injection holes
- Has no hollow areas that eventually will break
- Consists of 6,8 kg PP/m<sup>2</sup> (R114)

## The Hexa-Cover® Floating Cover come in two versions:

### Hexa-Cover® Floating Cover "R90":

|                  |                     |                     |
|------------------|---------------------|---------------------|
| Diagonal measure | 180 mm              | 7.09 in             |
| Height           | 50 mm               | 1.98 in             |
| Weight           | 120 g               | .265 lb             |
| No. per          | m <sup>2</sup> : 43 | ft <sup>2</sup> : 4 |

### Big Bags:

|                      |                     |        |
|----------------------|---------------------|--------|
| 1,3 x 1,3 x 2,5 m    | 55 m <sup>2</sup>   | 285 kg |
| 4.27 x 4.27 x 8,2 ft | 592 ft <sup>2</sup> | 628 lb |

### Hexa-Cover® Floating Cover "R114":

|                  |                     |                       |
|------------------|---------------------|-----------------------|
| Diagonal measure | 228 mm              | 8.98 in               |
| Height           | 70 mm               | 2.75 in               |
| Weight           | 243 g               | .535 lb               |
| No. per          | m <sup>2</sup> : 28 | ft <sup>2</sup> : 2.6 |

### Big Bags:

|                      |                     |        |
|----------------------|---------------------|--------|
| 1,3 x 1,3 x 2,5 m    | 42m <sup>2</sup>    | 285 kg |
| 4.27 x 4.27 x 8,2 ft | 452 ft <sup>2</sup> | 628 lb |



## For further info:

**Hexa-Cover, Inc**  
**3630 Peachtree Road NE, Suite 920**  
**Atlanta GA 30326, USA**  
**Tel + 1 (404) 835-9424**  
**info@hexa-cover.com**  
**www.hexa-cover.com**



Since its launch in 2004, Hexa-Cover® Floating Cover has been chosen for a vast number of installations globally, making the Hexa-Cover® Floating Cover the market leading solution.

**USA:**

**American Crystal Sugar, MN 56721:**  
Wastewater: controlling odor



**DeBuque Water Station, CO 81630:**  
10.500 m2 / 113.000 ft2 reservoir: bird deterrent

**Gallatin Public Utilities, Gallatin, TN 37066**  
Wastewater application: controlling growth of algae

**Henderson Water Utility, KY 42420**  
Water Storage Facility: controlling organic growth



**Iron City Pipe, OH 45640**  
Water Storage Facility: controlling evaporation



**MetCon LLC, PA 15061**  
Acids: controlling odor and emission



**Napa Berryessa Resort Improvement, CA 94558**  
Wastewater application: controlling odor and organic growth

**Washington Suburban Sanitary Comm., MD 20708**  
Wastewater: controlling organic growth



**Canada:**

**City of Nakusp**  
3700 m2 / 39.825 ft2 WWTP reservoir: controlling evaporation and organic growth

**City of Saskatoon**  
Wastewater application: heat retention



**Markham District Energy Utility**  
Hot Water Storage: heat retention



**Brazil:**

**Polenghi**  
Effluent: controlling odor



**Chile:**

**Compania Minera Dona Ines de Collahuasi:**  
15.000 m2 / 161.500 ft2 Tailing Pond:  
controlling evaporation



**ENAP:**  
2.700 m2 / 29.050 ft2 Wastewater  
Facility: controlling odor and emission



**ENAP Rinery Bio-Bio:**  
2.500 m2 / 26.900 ft2 Wastewater  
Facility: controlling odor and emission



**Xstrata Copper:**  
6.400 m2 / 68.900 ft2 Tailing Pond:



Controlling evaporation



**Ecuador:**

**New Quito International Airport:**  
Water Storage Facility: bird deterrent and for controlling evaporation and organic growth

**Mexico:**  
**Compañía Minera Cuzcatlán**

104.000 m2/1.120.000 ft2  
Tailing Pond:  
Controlling evaporation

