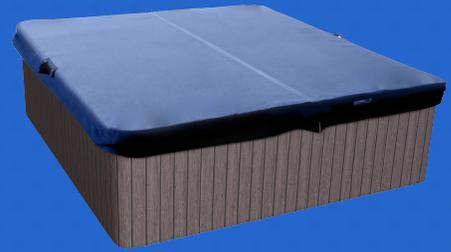


# SPA COVER WATERLOGGING



## FOAM COVER



## DURACORE

Polyethylene film, 2-4 mil thick. Permeable to water vapor. Becomes brittle and cracks, allowing vapor through gaps.



### VAPOR BARRIER

Uses 2 mil aluminum foil face sheets. Foil sheets are 100% impermeable to water.

Water is drawn in to the small gaps between the beads of EPS foam. Cover absorbs and holds up to 50 lbs of water.



### WATER ABSORPTION

Uses polyiso insulation, a fully closed-cell material, rated a Class I vapor barrier for commercial buildings.

Marine vinyl skin on top of cover is completely impermeable to water. Moisture in foam has nowhere to go and stays in place for years.



### BREATHABILITY

Polyester fabric is fully breathable, so any moisture inside the cover simply evaporates through the skin.

A single cut in a vinyl top caused by sun damage or hail will cause waterlogging to occur within a few weeks or months.



### RAIN AND HAIL

Our fabric covering is 4x stronger than marine vinyl. Plus, a waterproof polycarbonate shell sits right under the fabric.

Waterlogging is the most common cause of cover failure, occurring after 3-5 years of use.



### BOTTOM LINE

DuraCore has four levels of protection and a five year warranty against water gain.

**Dura  
Core**

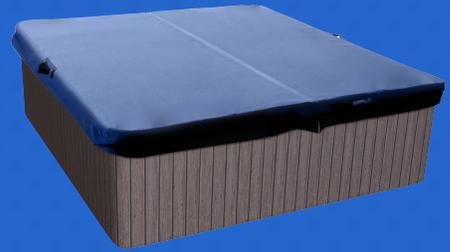
**Modern  
SpaCovers**

**Sun  
Catcher**

# SPA COVER WATERLOGGING



## FOAM COVER



## DURACORE

Polyethylene film, 2-4 mil thick. Permeable to water vapor. Becomes brittle and cracks, allowing vapor through gaps.



### VAPOR BARRIER

Combination of aluminized mylar and 2 mil aluminum foil sheets. Mylar has 10x water resistance vs. polyethylene. Foil sheets are 100% impermeable to water.

Water lodges in the small gaps between the beads of EPS foam, allowing it to absorb and hold up to 50 pounds of water.



### WATER ABSORPTION

DuraCore uses polyiso insulation boards, a fully closed-cell material rated a Class I vapor barrier for commercial buildings.

Marine vinyl skin on top of cover is completely impermeable to water. Moisture in foam has nowhere to go and stays in place for years.



### BREATHABILITY

Polyester fabric is fully breathable, so any moisture inside the cover simply evaporates through the skin.

A single cut in a vinyl top caused by sun damage or hail will cause waterlogging to occur within a few weeks or months.



### RAIN AND HAIL

DuraCore's fabric covering is 4x stronger to tears than marine vinyl. Plus, a waterproof polycarbonate shell sits right under the fabric.

Waterlogging is the most common cause of cover failure, occurring after 3-5 years of use.



### BOTTOM LINE

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