



**Certikin**  
*brings water to life*

## Heat Retention Covers



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## HEAT RETENTION COVERS

**H**eat retention covers are an essential cost saver and, if used correctly, can offer an incredibly short payback period. As much as 90% of the heat within swimming pool water can be lost via evaporation. Quite simply much of the money which goes into heating a pool can easily disappear into thin air – quite literally! Covering a pool is an environmental and financial necessity. A good quality and correctly used heat retention cover can reduce this heat loss by as much as 85 to 90 percent.

In addition to costly heat loss, evaporation can cause major issues in an indoor pool environment. The build-up of chemically laden moisture can be damaging to surfaces, structure, lighting and fixtures and fittings, as well as making air handling units work harder.

Certikin's range of heat retention covers are designed to limit these problems. Suitable for use in all environments, but particularly effective for indoor use our range of bubble and foam heat retention covers will offer something for every scenario – from spas and hot tubs, to full size commercial pools



### *Heat Retention Bubble*

As a lighter alternative, in terms of cost and effectiveness, woven surface extruded bubble covers can be used as heat retaining cover and its extremely durable surface makes it particularly suitable for outdoor use. Its dense nature ensures a higher heat retention factor than a standard bubble cover and its durable nature makes it ideal for heavy use scenarios such as school and communal pools.

Available in a solid blue opaque colour and a semi-translucent pale blue which allows for solar gain, heat retention bubble covers can be accommodated on any Certikin reel system. As with all Certikin pool covers, floor level welding makes them as flat and even as possible. Hemming is available for extra longevity and covers can be made to size or can be easily trimmed on site.



#### **400 Micron Bubbleweave**

- Opaque blue reinforced top coat with extra UV protection
- Extremely tough, hard wearing cover
- Weight 540g/m<sup>2</sup>
- Panel width 2060mm
- Density 400 micron



#### **400 Micron Solarweave**

- Tough tear resistant top surface for longevity and improved heat retention
- Semi-translucent colouring also allows for solar gain
- Increased UV protection
- Weight 540g/m<sup>2</sup>
- Panel width 2060mm
- Density 400 micron



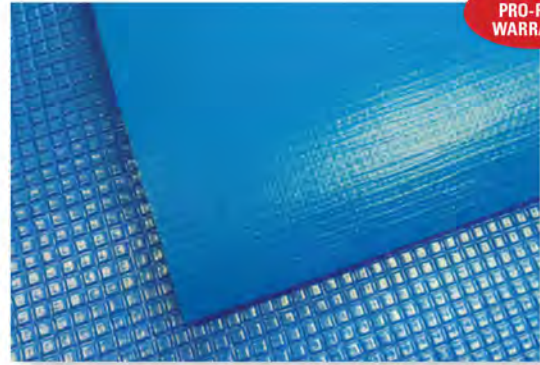
### *Heat Retention Foam*

Thermalux 6mm Heat Retention foam was originally designed for use in commercial environments, but is equally suitable and effective for domestic situations and can be accommodated on a wide range of Certikin pool cover reel systems for ease of operation.

Manufactured from a closed-cell PE foam with a strong woven polyethylene top coat and a clear laminated underside making it extremely hard wearing, the 6mm foam is perfect for pools running up to 30degC. This product can be used on spas and hydrotherapy pools running at higher temperatures, but the life span of the cover will be reduced.

The blue foam is available with a blue or white woven top coat and joint tapes are co-ordinated to match. Colour co-ordinated hemming to the edges is also available

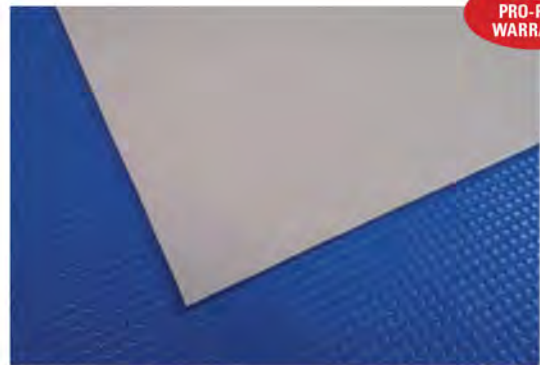
For higher temperature situation, such as spas and hydrotherapy pools, our 12mm foam is the ideal solution. This dense foam, with clear lamination on both sides, is perfect for the spa or small pool as it cannot be operated by a reel system, but will retain heat within vessels running with water temperatures of up to 40degC. The thickness of the 12mm foam means it cannot be hemmed.



4 YEAR  
PRO-RATA  
WARRANTY

### **Thermalux 6mm foam (blue / blue)**

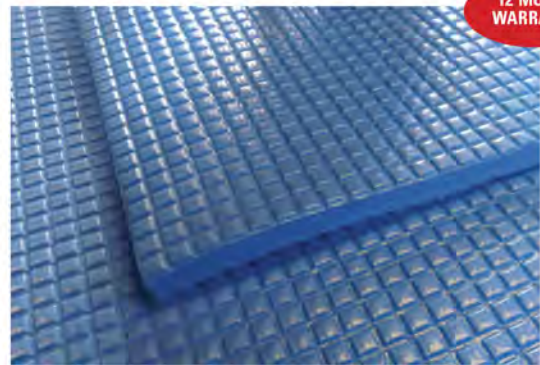
- Tough woven surface and laminated underside
- Hemming optional at extra cost
- 4 year pro-rata warranty
- 350g/m<sup>2</sup> – panel width 1850mm
- R-value 0.16 / U-value 6.12



4 YEAR  
PRO-RATA  
WARRANTY

### **Thermalux 6mm foam (white / blue)**

- Unique solid white woven surface
- Joined with matching white heat welded tape
- White hemming optional at extra cost
- 4 year pro-rata warranty
- 350g/m<sup>2</sup> – panel width 1850mm
- R-value 0.16 / U-value 6.12



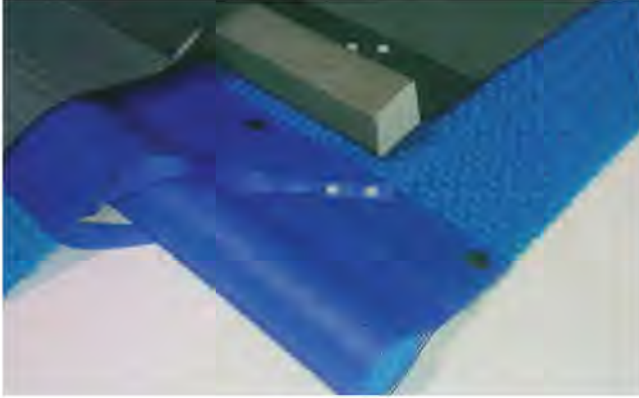
12 MONTH  
WARRANTY

### **Thermalux 12mm foam**

- Double thickness foam with lamination on both sides
- For use on pools / spas up to 40degC
- 1 year warranty
- Panel width 1850mm
- R-value 0.32 / U-value 3.1

### Aquablade Leading Edge Towing System

Give your cover an edge with the Aquablade Leading Edge Towing System. For the effortless application of any cover the Aquablade is unparalleled. Made from tough foam filled netting, it will not fill with water and will keep the cover buoyant at all times.



### Aqua-Spoiler

Aqua-Spoiler is an extruded ABS leading edge system which is strong rigid and buoyant. It can be attached to foam and bubble covers. It is easy to install and its rigidity means that only one central pulling point is required – the Aqua-Spoiler is supplied with a detachable rope. It is supplied as a boxed product only for site installation. Minimum cover width is 9'.



### Universal Cover To Strap Roller Kit

The Universal Cover To Roller Strap Kit is suitable for most domestic rollers currently available on the market. The nine strap kit (either 1m or 3m straps) contains cover connectors, quick release buckles and a selection of roller connections which allow fitting to the current and old Certikin Atlas roller, the Plastica Slidelock roller and any roller which requires push through grommets (e.g Aquamat) – there is also a self-drilling screw attachment option which will work on practically any aluminium roller tube.



### Limitations:

- It is highly recommended that towing systems such as the Certikin Aquablade are used with heat retention covers to prolong their life
- Unless otherwise requested, all 6mm foam covers will be made 30mm narrower than the pool width to allow for ease of movement on and off the pool between coping stones –this significantly increases the life of the cover
- Covers at or over 100m<sup>2</sup> cannot be hemmed
- Foam covers will be rolled, not folded, for delivery
- Due to the nature of the foam materials and the manufacturing processes, some creasing of the top coat of 6mm foam covers may be present (particularly on hemmed covers) and the covers may not lie perfectly flat

If you require further technical information please do not hesitate to contact us

# Certikin



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This literature is intended as a guide. The Company reserves the right to change the specifications without notice.