

Any size ice surface can be quickly and efficiently covered with **IceCap™ Lite-Duty** using a small crew. The panels can safely remain in place for many days without fear of sticking to the ice.

WHAT IS IceCap™

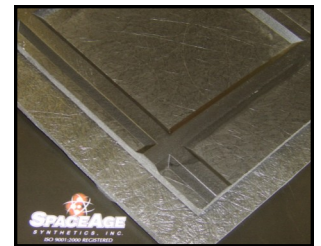
IceCap™ is the ultimate solution for converting any ice surface into a dry floor, able to host a wide variety of events.

- Polyurethane, fiberglass-reinforced panels
- 1219.2mm wide X 2438.4mm long
- Patented “waffle” underside, engineered to provide excellent insulating properties by trapping cold air below the panel
- Easy to install, clean and store until the next event
- Light weight
- Good impact strength
- Highly durable
- Closed cell composite is non-absorbent
- Will not swell, flake or delaminate

NEW

IceCap™ Lite-Duty Our new light-use conversion floor, designed and sold at a price point that makes it more affordable for smaller spectator venues and community rinks to host lighter traffic dry floor events.

With the continued benefits of the engineered WAFFLE underside design found in our **IceCap™ Pro** products, these new 15.9mm thick X 1219.2mm X 2438.4mm ice covering panels weigh only 13.6kg and are a perfect solution for venues that have fewer changeovers.



IceCap™ Lite-Duty



SpaceAge offers an Installation Supervisor to train your staff how to care for and handle your **IceCap™ Lite-Duty** floor; and will assist during the initial installation, ensuring the radius corners are cut and marked for a proper fit on every conversion.



When ready to clean and store until the next event, a mild soap and water mixture with a low pressure washer or floor scrubber will adequately clean the panels. **IceCap™ Lite-Duty** can be stored, horizontally and away from direct sunlight, on the hardwood skids that are provided with the original shipment.



Storage Carts are available to aid in quick change overs. These heavy-duty, stackable storage carts are manufactured from tube steel and powder-coated to ensure long term durability and performance.



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*Please see other side for more important product information.



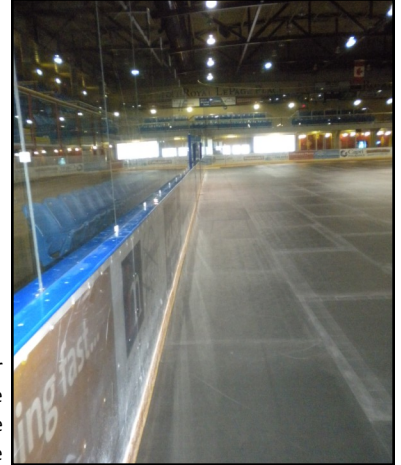
ISO 9001:2000 Registered

THE **IceCap™ Lite-Duty** GUARANTEE

All SpaceAge Synthetics' products are manufactured by skilled employees under a Quality Management System that is registered to ISO 9001:2000, ensuring your **IceCap™ Lite-Duty** conversion floor meets the highest approved international standards.

The durable ice covering system is warranted to remain non absorbent, stable and free from defects in material or workmanship for a period of five years; under normal and non-abusive use.

All fiber-reinforced polyurethane products are subject to some minor inconsistent surface variables and slight color variations that are inherent to our process and the polymerization of polyurethane foam. These variables in no way affect the structural integrity of the material.



Manufacturing the patented WAFFLE composite panels since 1997, SpaceAge's ice conversion floors are utilized in hundreds of multi-purpose arenas world wide.

With proper care and storage, the **IceCap™ Lite-Duty** system will provide your arena facility with many years of service!



For More Information
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Product Technical Data

| Product Technical Data | | | | IceCap™ Lite-Duty |
|----------------------------------|-----------------|-------------------|---------------------------|--------------------------|
| Nominal Density | | | <i>g/cm³</i> | 0.384 |
| Nominal Board Weight | | | <i>kg</i> | 13.6 |
| Tensile | <i>Modulus</i> | <i>ASTM D1037</i> | <i>MPa</i> | 1041 |
| | <i>Strength</i> | | <i>MPa</i> | 18.3 |
| Flexural | <i>Modulus</i> | <i>ASTM C393</i> | <i>MPa</i> | 1296 |
| | <i>Strength</i> | | <i>MPa</i> | 26.5 |
| Compressive | <i>Modulus</i> | <i>ASTM D1621</i> | <i>MPa</i> | 385 |
| | <i>Strength</i> | | <i>MPa</i> | 10.34 |
| Thermal Resistance (R-Value) | | <i>ASTM C518</i> | <i>K-m² /w</i> | 0.328 |
| Coefficient of Thermal Expansion | | <i>ASTM D696</i> | <i>mm/mm/°C</i> | 1.56x10 ⁻⁵ |

The tensile, flexural, compressive, coefficient of thermal expansion and density properties given in the tables above are material properties which do not take into account global mechanical property differences due to the complex geometry of the board. However, thermal resistance values listed are global properties because they take the thermal resistance of the air trapped by the board geometry into account. The mechanical properties listed here are, to the best of our knowledge, correct. However, due to the variability of the manufacturing process, these values should not be used for design purposes. Anyone using this product is urged to validate the product for intended use. SpaceAge Synthetics, Inc. is not liable for any product misuse. Oral statements or representations made by anyone which are contrary to or at variance with the statements and material properties stated in this document dated January 28, 2009, are invalid.