



# AQUACHILL™ C

## Cooler Living. Comfier Life.

Thermal technologies providing ultimate cooling to the flex foam market.

Water-based phase change material coatings that maximize initial and sustained **cooling** while providing **breathability**, optimal **durability**, best-in-class adhesion, and minimal odor.

### Applications

- Bedding: Mattresses, Toppers, and Pillows
- Footwear
- Furniture
- Medical
- Pet Products
- Sporting Goods
- Recreational Seating



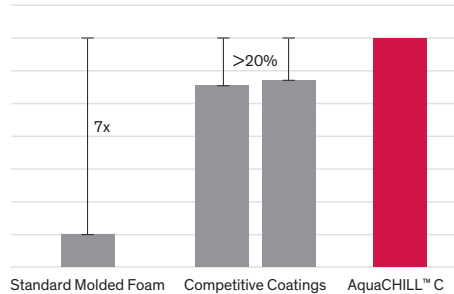
**Superior durability and adhesion**  
Proprietary formulation enables long-lasting coating with minimal cracking or chipping.

### Molded Foam

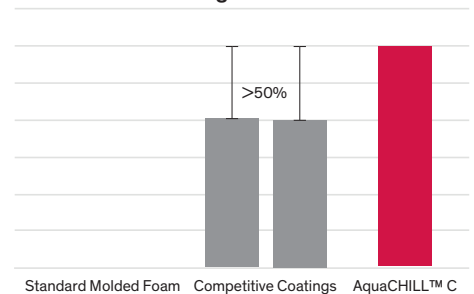
AquaCHILL™ C Coatings Benefits

- ~7X the cooling power of traditional molded foam
- ~20% greater cooling intensity than the next best alternative coating
- ~50% greater cooling duration than the next best alternative coating

Cooling Intensity



Cooling Duration

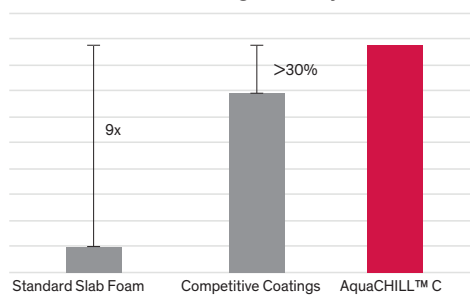


### Slab Foam

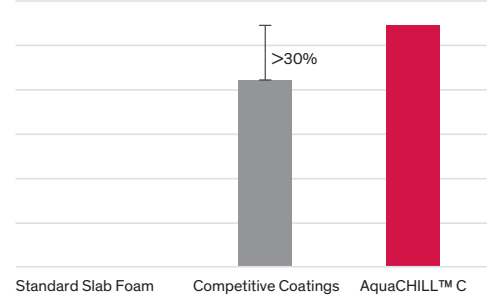
AquaCHILL™ C Coatings Benefits

- ~9X the cooling power of a traditional slab foam
- ~30% greater cooling intensity than the next best alternative coating
- ~30% greater cooling duration than the next best alternative coating

Cooling Intensity



Cooling Duration



\*Based on Dow's proprietary cooling tests.

### Physical Properties

<b>Odor</b>	Minimal to None. The water-based technology eliminates the odor associated with solvent-based products.		
<b>Color</b>	Customizable. Base color is a clear white.	<b>Viscosity</b>	1000-2000 cps
<b>Percent Solids</b>	40-60%	<b>Shelf-Life</b>	3 months
<b>Relative Density</b>	0.95 – 1.05 g/cc	<b>Boiling Point</b>	~100°C
<b>pH</b>	7.0 – 9.5	<b>Freezing Point</b>	~0°C

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*Innovating For You*

**For more information and product samples, contact us at your convenience:**

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