



**PENGUIN ICE™**

**WOOD PROTECTIVE COATING**

Penguin Ice™ is a lightweight, highly versatile and functional coating that protects the various materials to which it is applied. Waterproof, flexible, resistant to mould and rot, resistant to termites and other pests, this seamless coating is applied in thin layers. Penguin Ice™ protective coating is also a Class A flame retardant according to Canadian and U.S. industry standards. (ASTM E84) & (ULC S102)

Penguin Ice™ is an easy to use, low VOC, water-based coating that adheres well to wood, cardboard, paper, fabrics, drywall, fiberglass, PVC, Penguin Ice™ is available in transparent and transparent blue.

**Technical Data**

<b>Technology</b>	Acrylic copolymer	<b>Coverage</b>	400 pi <sup>2</sup> /gallon
<b>Solid P/P</b>	18 %	<b>Application</b>	Spray, brush, roller
<b>VOC</b>	< 95g/l	<b>Water Absorption</b>	< 5 %
<b>Density</b>	1.025 g/cm <sup>3</sup>	<b>Adhesion after immersion</b>	Excellent
<b>pH</b>	9.0	<b>Particle Size</b>	Small
<b>Cleaning</b>	Water + Soap	<b>Mecanical Stability</b>	Excellent
<b>Wet Appearance</b>	Opaque White Liquid	<b>Hydrostatic Resistance</b>	Very Good
<b>Dry Appearance</b>	Clear - Transparent	<b>Bacteria Resistance</b>	Excellent
<b>Odour</b>	Low	<b>Mold Resistance</b>	Excellent
<b>Viscosity</b>	17 seconds Zhan#2	<b>Rot Resistance</b>	Very Good
	< 100 cps	<b>Termite Resistance</b>	Excellent
<b>Application Temperature</b>	7°C minimum	<b>Alkali Resistance</b>	Very Good
<b>Wet Weight</b>	250 (g/m <sup>2</sup> )	<b>Flame-Spread Rating</b>	Class A

**Mixing**

Penguin Ice™ is sold as a ready-to-apply formula. It must be stirred thoroughly before use. Do not dilute.

**Storage**

Despite its resistance to freezing, it is recommended that this product be stored at a minimum of 20°C for application in cold weather (15°C and below).