

NON-ELECTRIC SELF-COOLING COATING

• 3URC-1 •

1. Product Description

This non - electric cooling coating is a high-performance thermal insulation and radiation-resistant coating based on nanotechnology. It features thermal management properties, achieving cooling without electricity.

2. Product Applications

Suitable for scenarios where passive, non - electric cooling is needed. Can be applied on building exteriors to reduce heat absorption, lowering indoor cooling energy consumption. Also applicable for equipment surfaces, such as metal, ceramics, plastics, glass, and architectural materials.

3.Product Parameters

Parameter	Specification
Product Code	3URC-1
Applicable Substrates	Metal, ceramics, plastics, glass, architectural, etc.
Mid-infrared Rate	Up to 95%
Heat Reflection Rate	90%-95% (for 1mm thick layer)
Drop Temperature	5°C - 35°C
Theoretical Dosage	1.5-2.0kg/m ² (for 1.0mm waterproof membrane thickness)
Shelf Life	24 months (unopened, under specified storage conditions)
Storage Temperature	5°C - 30°C
Storage Humidity	<60%
Packaging	1L/10L/20L drums; custom packaging available

