

ENERGY SAVER GLASS FOR LINE(B)



This paint is composed of an inorganic silicone binder and a special nano material. It is a coating agent providing a very excellent view by transmitting visible rays and blocking infrared rays and an energy saving function by lowering the cooling load in summer and the heating load in winter. It is also applied to glass to change ordinary glass into functional glass. It is a coating agent with long-term durability, which is excellent in physical properties including adhesion, weather resistance, stain resistance and boiling water resistance.

Usage

Windows and glasses requiring transparency

Specification

Paint type	Organic-inorganic hybrid			
Specification	Category	General type	High-performance type	Color type
	Visible light transmittance	70% or higher	70% or higher	80% or higher
	Infrared ray shielding ratio	60~70%	80~90%	-
	UV shielding ratio	95% or higher	95% or higher	95% or higher
*The color type includes red, yellow, blue, green, and black.				
Appearance	Transparency liquid	Drying condition	150°C 30 minutes	
Specific gravity	1.00 ± 0.05	Dilution ratio	30 ± 5%	
Theoretical Coverage	5m ² /L (LOSS 30%)	Thickness of dried film	15 ± 3 μm	
Color	Transparent	Flash point	21°C	
Coating Method	SPRAY COATING	Shelf life	6 months (Dry, cool, and dark place with good ventilation)	
Gloss	Glossy, Matte			

How to Use

Surface treatment	1. Completely remove oil, dust, and other foreign matter (Use an exclusive glass cleaner and abrasive)
Coating Method	<ol style="list-style-type: none"> 1. Before use, make the coating agent uniform by stirring well. 2. If there is any foreign matter on the surface to be coated (glass), air bubbles may be generated, and the coating appearance may be poor. 3. Apply after cleaning the surface to be coated with an exclusive glass cleaner to prevent dirt and dust from attaching. 4. Spray coating is possible for this product. 5. Use after checking the surface (glass) condition before coating. 6. If the temperature is 5°C or less or the relative humidity is 70% or higher, consult the technical team of this company.

► This data sheet is based on the test results and experiential bases of NOROO but may change without notice for consistent quality improvement.