ENERGY SAVER GLASS

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	
	Visible light transmittance	70% or higher	70% or higher	
	Infrared ray shielding ratio	60-70%	80-90%	
	UV shielding ratio	95% or higher	95% or higher	
Appearance	Transparency liquid	Drying(20℃)	Set-to-touch	90 minutes
Specific gravity	1.00 ± 0.05 (25℃)		Dry-through	1 month
Theoretical Coverage	10~15㎡/L	Dilution ratio	25 ± 5%	
Color	Transparent	Thickness of dried film	5 ~ 10㎛	
Coating Method	FLOW COATING	Flash point	21℃	
Gloss	Glossy	Shelf life	6 months (Dry, cool, and dark place with good ventilation)	

How to Use

Surface treatment	1. Completely remove oil, dust, and other foreign matter (Use an exclusive glass cleaner and abrasive) 2. Completely remove the aged old film by using a paint stripper for repair coating. 3. After completely cleaning the surface to be coated (glass, window), wash it with an exclusive glass cleaner to prevent dust from adhering before coating.
Coating Method	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. Flow coating is possible for this product, and the used coating agent cannot be reused. 5. Use after checking the surface (glass) condition before coating. 6. During coating, be careful of ventilation and watch out for fire. 7. Coating performance is achieved one hour (25℃) after coating, but physical and chemical properties are exhibited after 7 days. 8. If the temperature is 5℃ 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.