



High Efficiency Heat Resistant Coating for glass:

This is a product of high technology developed by the Chinese Army. Only a few micrometer in thickness of the coating is effective in resisting the heat from sunlight. This is an environmentally friendly nano coating with special features such as anti-aging, anti-static electricity, anti-glare, and anti-radiation.

- Lowering indoor temperature 3°C – 8°C, that means a cost saving of 30%-40% of air-conditioning cost.
- Effective in filtering Infra-red and Ultra-violet lights
- Retain the transparency of glass, only reduce 20% of the transparency of glass after applying on the glass.
- Environmental Friendly product – it is water soluble, odorless and harmless.
- Long lasting and easy to apply.

Features:

Effectiveness of stopping Infra-red light	> 86%	Lowering indoor temperature	3°C – 8°C
Effectiveness of stopping Ultra-violet light	99%	Transparency	80%
Visible light pass-through rate	70%-85%	Overall hardness	2 H
Drying time	0.5 h	Washable	> 2000 times
Hardness of coating	0	pH value	8-9
Working temperature	Up to 600 °C		





High Performance Heat Resistant Coating:

- Anti-humidity – effective in stopping the formation of water droplets on the coating's surface, thus keep the surface dry.
- Highly adhesive – 100% adhering to the coated surface
- Expandable – able to expand and contract under different environment temperatures without cracking
- Anti-molding – 10th grade (ASTM D-3273-73T, 1-10 grade)
- Safe – non-flammable
- Environmental friendly – no harmful substance or odor
- Guaranty for 10 years
- Self-cleaning

Features:

Visible light reflective rate	85%	Heat conductance	0.04 W/m.K
Infra-red reflective rate	80%	Hardness	6 H
Heat resistant	80 Ω	Adhesiveness	Very strong
Drying time	0.5 h	Fire rating	A grade
pH value	8	Acid test (500h)	No change
Lowering audible sound	8 DB		

