

Heat Reflective Coating Glossary

1	CONDUCTION	Process of heat transfer through a material from a warm surface to a cool surface
2	CONVECTION	Heat transfer by the movement of fluid or air.
3	Radiation	Electromagnetic waves that directly transport ENERGY through space.
4	EMISSIVITY	Measure of ability of a surface to emit room temperature radiant heat energy.
5	Thermal Conductivity	The rate at which heat passes through a specified material, expressed as the amount of heat that flows per unit time through a unit area with a temperature gradient of one degree per unit distance.
6	SRI-Value	Solar Reflective Index
7	Solar Absorption	The fraction of incident radiation that is absorbed
8	Condensation	Condensation is the change of the physical state of matter from gas phase into liquid phase, and is the reverse of vaporization.
9	Solar Reflectance	Solar Reflectance is the fraction of the incident solar energy which is reflected by the surface.
10	CUI-	Corrosion under Insulation.
11	Gloss	Characteristic of the surface which causes it to reflect light at a given angle.