

PERFORMANCE REQUIRED FOR HEAT-SHIELDING PAINT

Initial Thermal Performance


Durability

Continuity of Performance



MIRACOOOL SW200

- Performance is rated by The “Cool Roof Rating Council” after three years outdoor exposure in Arizona, Florida and Ohio in USA.
- ENERGY STAR Mark was granted consequently.
- Verified by “Japan Environmental Technology Verification” by Ministry of The Environment of Japan.

		Initial	Weathered
	Solar Reflectance	0.89	0.83
	Thermal Emittance	0.89	0.90
	Rated Product ID Number	0001	
	Licensed Seller ID Number	0020	
	Classification	Production Line	

Cool Roof Rating Council ratings are determined for a fixed set of conditions, and may not be appropriate for determining seasonal energy performance. The actual effect of solar reflectance and thermal emittance on building performance may vary.
Manufacturer of product stipulates that these ratings were determined in accordance with the applicable Cool Roof Rating Council procedures.



THE MOST SUITABLE LOCATION FOR “MIRACOOOL” TO BE APPLIED.

Hot Climate Caused by Solar Radiation

Electricity Cost is High

No or Less Insulation on Roof

- There is a limitation to reduce product price due to high cost of the raw materials in order to maintain high thermal performance, durability and continuity of performance.
- Therefore the most of the job records of “MIRACOOOL” in abroad are for factories and warehouses of Japanese companies which afford to spend such the high cost.
- We would like to introduce “MIRACOOOL” for those local people and organizations in developing countries who are the most sought of “MIRACOOOL”, in collaboration with national governments, local authorities, non-governmental organizations (NGOs), community organizations and the private sectors.

The background is a solid blue color with a gradient that is lighter at the bottom. There are several white butterfly silhouettes scattered across the page. One is in the top left, one in the top right, one in the middle right, one in the bottom right, and one in the bottom left.

Thank you very much for your attention.

Miracool Co., Ltd.

<http://www.miracool.jp>