Coat'N'Cool HMS®

High-Tech Coatings for High-Temp Conditions

HEAT MANAGEMENT SYSTEM FOR SURFACES EXPOSED TO DIRECT SUNLIGHT

(Spray or Roll-on Application)

It works like a permanent sunblock for your building.

Coat 'N' Cool® is a long lasting, easy to apply engineered liquid 2-part architectural coating specially designed to reflect sunlight in the UV and IR spectrum. This protection reduces the overall exterior surface temperature of the structure by as much as 50%, as well as reducing sun damage and increasing the life of the building. It offers excellent adhesion and a low-sheen that is resistant to mildew and algae. Treating your structure with Coat 'N' Cool® will lead to less energy use for cooling while increasing the life of the HVAC equipment and lowering maintenance costs. Coat 'N' Cool® reflects up to 84% of the Sun's heat, resulting in a net cooling effect, and lowering your electric bill for cooling by 10 to 30%.

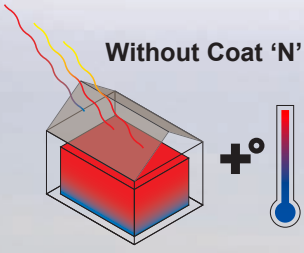
A winning combination.

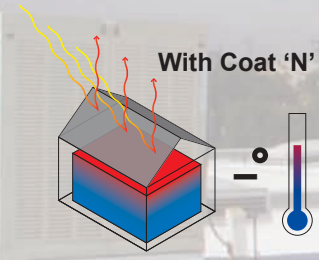
Combining a cool roof with a solar power system enhances the performance of the photovoltaic panels and improves their generating capacity. If roof temperatures exceed 110 degrees, the solar power output can be reduced by as much as 50%. Photovoltaics work best at temperatures below 90 degrees, which a Coat 'N' Cool® treated roof helps achieve.

The Internal Revenue Service has stated that the cost of installing a cool roof can qualify for the investment tax credit because the highly reflective roof surface meaningfully increases the amount of electricity generated by the PV panels by 10%.

(Enhance Photovoltaic Efficiency)

(30 Standard Colors)





The Coat 'N' Cool® Advantages.

- High Emittance
- Low VOC under 50 g/l
- UV and IR Resistant
- Class "A" Fire Rated
- Mildew and Algae Resistant
- Provides Superior Adhesion
- Low Sheen Finish
- Epoxy/Acrylic Polymer
- Reduce cooling cost by 10-30%
- Increased PV Efficiency by 10%
- Water Clean-up
- Non-Hazardous Formulation
- Fade Resistant - up to 20 Years
- Elongation - 73.5%
- Tensile Strength: 490.9 psi
- Topcoat Available in 30 Colors

SURFACES | Aluminum | Asphalt Emulsions | Brick | Concrete | Clay | Foam Roofing Galvanic Metals | Glass | Steel | Stucco | Wood

USES | Commercial | Residential Housing | Cold Storage Warehousing | Schools Mobile Homes and Offices | Freight Containers | Equipment Sheds | Multi-Family Housing Water, Gas and Oil Tanks | Gutters and Flashing

GSA Contract Holder
Contract GS21F0072X

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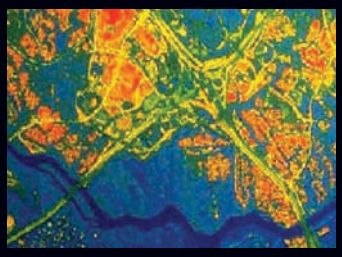
Silhouettes▼ CC-218-A *TSR: 76.5%	Twilight▼ CC-218-F *TSR: 66.7%	Sapphire CC-218-I *TSR: 58.3%	Butter Cream▼ CC-220-E *TSR: 78.1%	State Fair CC-220-I *TSR: 56.1%	Siltstone▼ CC-219-I *TSR: 76.3%
Corn Flower	Teal CC-219-C *TSR: 56.6%	Antique White▼ CC-218-M *TSR: 76.1%	Spanish Tan CC-220-P *TSR: 57.2%	Cinnamon CC-220-D *TSR: 53.5%	Adirondack▼ CC-221-F *TSR: 73.0%
Mushroom▼ CC-218-O *TSR: 60.2%	Gravel Gray CC-218-P *TSR: 59.4%	Dolphin CC-218-D *TSR: 57.3%	English Rose▼ CC-221-E *TSR: 75.3%	Rosebud▼ CC-219-J *TSR: 77.4%	Nordic Orchid CC-221-G *TSR: 55.4%
Silver▼ CC-219-G *TSR: 70.9%	Irish Linen▼ CC-219-E *TSR: 76.1%	Moss CC-219-H *TSR: 51.5%	Mauve CC-221-H *TSR: 54.9%	Morning Dove▼ CC-220-O *TSR: 76.9%	Fawn▼ CC-221-D *TSR: 63.3%
Indian Green CC-217-C *TSR: 38.9%	Summer Sand▼ CC-220-G *TSR: 74.8%	Silk▼ CC-220-L *TSR: 79.3%	Beige Brown CC-217-A *TSR: 45.0%	Black CC-217-B *TSR: 30.5%	Basecoat White▼ 5407 *TSR: 84.0%

***TSR = Total Solar Reflectance**
▼ = Highest Reflectance

Note: Colors are printed to the highest standards but can vary. Colors are made to order.
Special color matches are available – solar reflectance will vary.



Thermal image of heat island phenomenon in an urban center. Red and yellow areas indicate heat absorption of rooftops and pavements from the sun. Blue and green are cooler surfaces.

Dark exposed surfaces can reach temperatures in excess of 190° F. Using Coat 'N' Cool® reflects up to 84% of the sun's solar radiation reducing exterior temperatures and lowering energy usage while increasing occupant comfort.

Increase productivity by giving employees in non air-conditioned structures a cooler working environment during the hottest hours of the day. Coat 'N' Cool® can lower interior temperatures by 8° F or more.

With a wide range of colors, Coat 'N' Cool® is the perfect choice for residential exteriors. Cool your home, while saving energy.

www.coatncool.com

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