

# Solar-Cool™

*For Cooler Pavement*

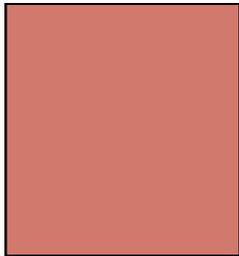


**Architectural  
Colors**

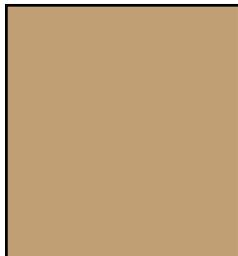


**Many municipalities are joining the effort to reduce Heat Island Effect  
for cooler communities supporting new global warming initiatives.  
Earn points to meet your project LEED objectives.**

All colors on this brochure are produced with Gray Portland cement. Using white Portland cement (where available) will increase their SRI index. These printed colors are for illustration purposes only. Request samples for a more precise color representation. Your overall results may vary from these samples based on regional concrete cement color, aggregate color and water contents.



C-1 Brick  
SRI: 44



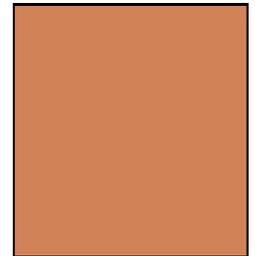
C-2 Saddle Tan  
SRI: 52



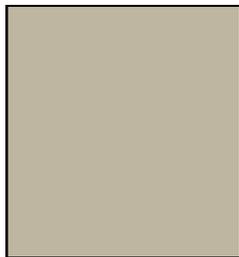
C-3 Stone  
SRI: 48



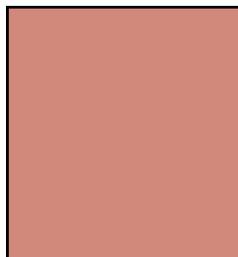
C-4 Latte  
SRI: 51



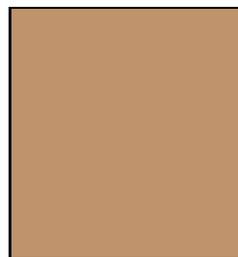
C-5 Kalahari  
SRI: 49



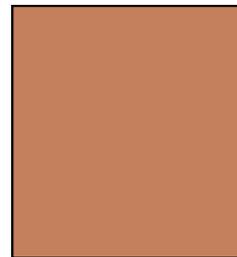
C-6 driftwood  
SRI: 44



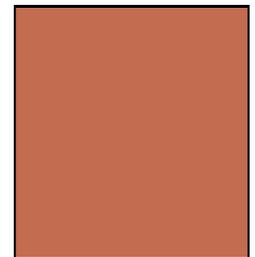
C-7 Coral  
SRI: 45



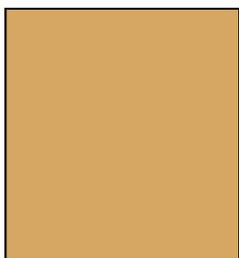
C-8 Caramel  
SRI: 37



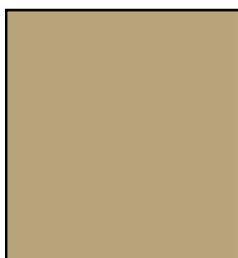
C-9 Woodstock  
SRI: 33



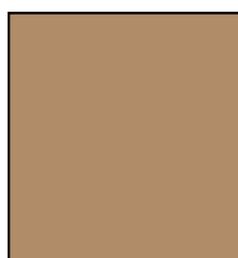
C-10 Tile Red  
SRI: 46



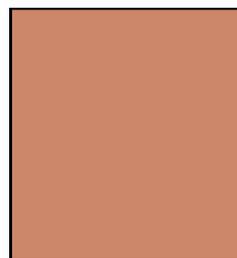
C-11 Mystic Gold  
SRI: 51



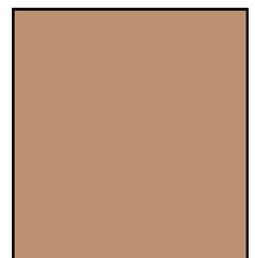
C12- Weathered Tan  
SRI: 51



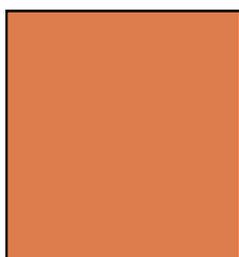
C-13 Mesquite  
SRI: 39



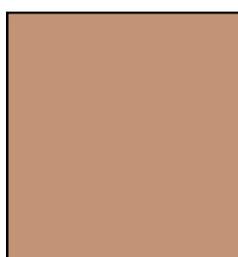
C-14 Persimmon  
SRI: 47



C-15 Sequoia  
SRI: 48



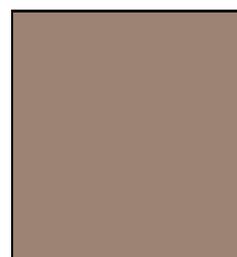
C-16 Grand Canyon  
SRI: 48



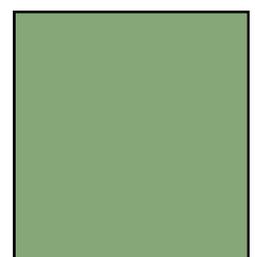
C-17 Harvest  
SRI: 50



C-18 Silver  
SRI: 40



C-19 Brownstone  
SRI: 44



C-20 Spearmint  
SRI: 48

# Materials technology makes cleaner environments possible.

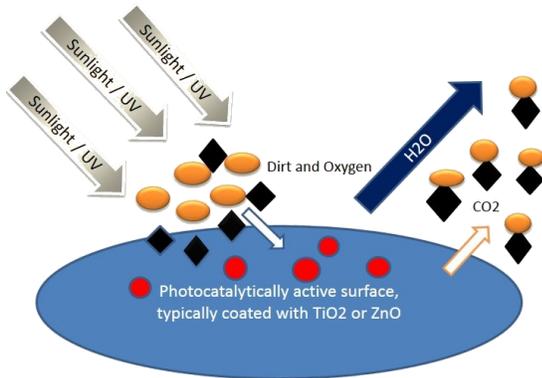


PHOTOCATALYTIC COLORS MADE WITH GRAY PORTLAND CEMENT

## What is Photocatalytic concrete:

Chemistry at the surface can convert light energy into an oxidation potential against organic staining of the surfaces

## Photocatalytic Principle



## LEED Credit SS-7.1 Heat Island Reduction: Non-Roof

Solar Reflectance Index (SRI) Is the measurement of surface sunlight reflection indicating the temperature of thermal radiated heat. SRI values are measured from a scale of 1 to 100. The higher the SRI number will indicate higher sun reflectance, thus surfaces will remain cooler under direct solar radiation heat. Chose a color SRI of at least 29\* The use of light colored pavement is a viable approach in GSA sites for LEED points rewards\* Colors mixed in concrete using white cement will have higher SRI values, but will increase material costs. Credits can be awarded for pigments recyclable material contents.

\*versus using darker paving materials in non-shaded parking areas.  
\*Synthetic pigments originate from recycled materials can offer extra credits.





# Builders Color

40 years in the practice of concrete & mortars coloring

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Pompano Beach, Florida

