SGS SOLOMON COLORS, INC.

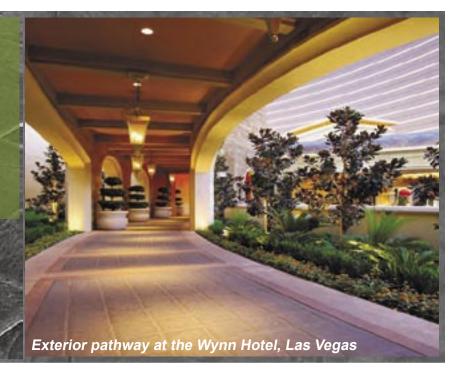
Integral Color

Greenleaf Environmental Profile

PRODUCT SPECIALIST

Dale Keller

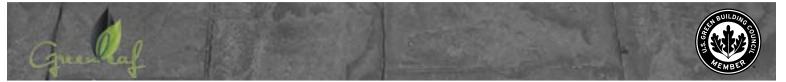
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Since 1927, Solomon Colors, Inc. has been an industry leader as a worldwide supplier of decorative dry and liquid integral concrete color and dispensing systems. Two main production facilities in the U.S support the ready mix, concrete block and masonry industries through a global network of distributors. As our products evolve, we aim to maintain the highest standard of quality while continuing to reduce the environmental impact of our products by incorporating low impact materials, packaging and manufactuing processes. In this document you will learn specifics on how our integral pigments contribute to both green building rating systems such as LEED and a greener world in general.

ONSITE WASTE MANAGEMENT	RECYCLED CONTENT
Dry pigments come in repulpable bags that when wet, break down and become part of the cement mixture. This eliminates construction waste pro- duction due to packaging and also makes for safer conditions for construction workers since they will not be exposed to particulates when pouring pig- ment into the concrete mixture.	The raw materials utilized are recovered from the tool-making manufacturing process. This results in limited use of virgin materials, meanwhile those scraps will never end up in a landfill. In this document you will find a list of our recycled content values, by weight, for both dry and liquid concrete pigments.

SOURCE OF MATERIALS: Pigments are from non-domestic sources and will not contribute to goals related to local or regional product sourcing.



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SOLAR REFLECTANCE INDEX

Surface temperature is measured as a calculation of the reflectance and emittance of the surface material called the Solar Reflectance Index (SRI). The resulting figure ranges between 0 and 100 and indicates the material's ability to mitigate heat absorption. Materials with the highest SRI are the coolest and the most appropriate choice for reducing the heat island effect. As a rule concrete has a higher SRI Value than typical asphalt. Many of Solomon Color's suite of pigments are designed to maintain or increase the SRI Value of concrete.

The heat island effect is the phenomenmon of increased temperatures in urban areas due to heat absorbtion by man-made structures. The heat island effect negatively impacts human and wildlife for a variety of reasons including increased production of smog due to higher temperatures.

SRI testing was completed by the independent testing lab, CTL Group. Tests were performed on medium gray cement at a 5.5 sack mix according to ASTM E 1980 – 01 Standard Practice for Calculating Solar Reflectance Index of Horizontal and Low-Sloped Opaque Surfaces, assuming an emmitance of 0.9, which is appropriate for concrete.

ENVIRONMENTAL DATA						
Color Swatches		Color	CDI	Post Industrial Recycled Content		
Color Swat	cnes	Number	SRI	Dry Pigment	ColorFlo® Liquid	
Colony Red		413	*	100%	70%	
Clay		413	*	100%	70%	
Fox Red		413	37	100%	70%	
Terra Cotta		413	*	100%	70%	
Rose		417	*	100%	70%	
Brick Red		417	40	100%	70%	
Paver Red		417	*	100%	70%	
Apple Red		417	*	100%	70%	
Dusty Rose		489	*	100%	65%	
Light Plum		489	24	100%	65%	
Redwood		489	22	100%	65%	
Dk Redwood	1.73	489	*	100%	65%	
Rosemary		288	44	100%	65%	
Ginger		288	41	100%	65%	
Bamboo		288	41	100%	65%	
Straw		288	48	100%	65%	
Desert Tan		750	45	100%	65%	
Salmon		750	45	100%	65%	
Prairie Tan		750	*	100%	65%	
Peach		750	*	100%	65%	
Blush		366	*	100%	65%	
Dk. Blush		366	*	100%	65%	
Natural Red		366	*	100%	65%	
Sand		775	46	100%	65%	
Cedar		775	45	100%	65%	
Camel		775	45	100%	65%	
Sedona		775	*	100%	65%	



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	ENVIRONMENTAL DATA					
	Color Swatches		Color		Post Industrial Recycled Content	
MAR			Number SRI	SKI	Dry Pigment	ColorFlo® Liquid
	Buckwheat		757	44	100%	65%
	Pecan		757	41	100%	65%
	Antique Gold		757	41	100%	65%
	Old Gold		757	*	100%	65%
	Trail Dust		755	*	100%	65%
	Driftwood		755	40	100%	65%
	Spice		755	41	100%	65%
	Apricot		755	*	100%	65%
crete ge High School	Canvas		306	37	100%	65%
s, Utah	Toffee		306	29	100%	65%
	Burlap		306	29	100%	65%
	Cinnamon		306	*	100%	65%
	Thyme		238	44	100%	65%
	Doeskin		238	41	100%	65%
	Buttercup		238	44	100%	65%
	Marigold		238	*	100%	65%
	Earthen		338	*	100%	65%
	Rawhide		338	25	100%	65%
A STATE OF A	Buckskin		338	24	100%	65%
and the second second	Leather		338	*	100%	65%
State of the local division of the local div	Taupe		385	29	100%	65%
	Lava		385	23	100%	65%
	Buffalo		385	20	100%	65%
ic Grocery Store	Bark	-	385	16	100%	65%

Tilt-up con Formil Ridg **Fort Collins**



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Tilt-up concrete Solomon Color's Headquarters Springfield, Illinois

Integral Color Relief Eagle Ridge Intermediate School St. George, Utah

*The colors astericked were not tested because their SRI was considered likely to be below 29. Green building rating systems such as LEED, use 29 as a minimum SRI Value for hardscaping and therefore materials lower than 29 would not contribute. Testing of additional or custom colors can be requested by contacting our customer <u>service department.</u>

ENVIRONMENTAL DATA						
Color Swatches		Color	SRI	Post Industrial Recycled Content		
	CHES	Number	5111	Dry Pigment	ColorFlo® Liquid	
Sandstone		242	36	100%	65%	
Sahara	896.23	242	*	100%	65%	
Sandalwood	1.22	242	24	100%	65%	
Nutmeg		242	*	100%	65%	
Mauve	1001	492	*	100%	65%	
Merlot	12 Land	492	*	100%	65%	
Lilac	X	492	*	100%	65%	
Garnet	1.11	492	*	100%	65%	
Ash	1	467	28	100%	65%	
Oyster	Carlos Carlos	467	15	100%	65%	
Orchid		467	13	100%	65%	
Rustique		467	*	100%	65%	
Olive		5092	*	22%	65%	
Sage		5092	*	22%	65%	
Avocado		5092	*	22%	65%	
Slate	31	920	22	100%	61.5%	
Smoke	4.00	920	*	100%	61.5%	
Charcoal		920	*	100%	61.5%	
Onyx	11.20	920	*	100%	61.5%	
Color	Color		SRI	Post Industrial Recycled Content		
		Number	511	ColorFlo [®] Granular Pigment		
Light Red		413	N/a	100%		
Dark Red		115	N/a	100%		
Yellow		417	N/a	100%		
Black		920	N/a	100%		

This Greenleaf Environmental Profile was developed in collaboration with: www.Egreenideas.com

Green Ideas