

HILLSIDE REVIEW MATERIAL BOARD

Casa Six LLC
5659 N Superstition Lane

DRIVE GATE
Black Iron Finish



POOL FENCE
Natural Iron Finish (left to rust)



Lower Patios
Belgard-Mirage / Pierre Bleue Sablee / LRV .33



Upper Patios
Emotions / Trendy Black / LRV .28



ARTIFICIAL TURF
Artificial Grass Superstore/Olive 50



DRIVEWAY / UPPER
Sand Set Concrete Paver
Acker-Stone / Charcoal / LRV .10



DRIVEWAY / LOWER
Integral Colored Concrete
Davis Colors / Pebble / LRV .38





Solar Reflective Index Values

Acker-Stone Color	Mix	Finish	Solar Reflectance Index ASTM C1549-08	Light Reflectance Value ASTM C609-07
Agave	FM	Standard	24	
Agave	FM	Grind	22	25%
Agave w/ AZ Del Mar Agg	FM	Grind & Shot Blast	38	
Amaretto	FM	Standard	12	14%
Amber	FM	Standard	25	
Arizona Sand	FM	Standard	25	
Arizona Sandstone	FM	Standard	25	
Arizona Tan	FM	Standard	18	18%
Buff	TM	Standard	29	
Buff	FM	Standard	31	
Buff	FM	Grind	28	
Buff w/ Amber-Glass	FM	Grind	31	
Buff Tan Pewter	TM	Standard	29	
Caramel	FM	Standard	26	
Catrina Blend	TM	Standard	15	16%
Cherry Cola	FM	Standard	13	
City Blend	FM	Standard	24	
Charcoal	FM	Standard	6	10%
Charcoal	FM	Shot Blast	16	
Chestnut Brown	FM	Standard	12	13%
Dark Brown	FM	Standard	9	11%
Dark Mocha	FM	Standard	7	11%
Delta Beige w/ AZ Del Mar Agg	FM	Grind & Shot Blast	30	
Delta Gray w/ AZ Del Mar Agg	FM	Grind & Shot Blast	32	
Delta White w/ AZ Del Mar Agg	FM	Grind & Shot Blast	40	
Delta Yellow w/ AZ Del Mar Agg	FM	Grind & Shot Blast	41	
Desert Sand w/ White Cement	FM	Standard	31	
Driftwood	FM	Standard	15	17%
Driftwood	FM	Shot Blast	23	23%
Federal Yellow	FM	Standard		23.69%
Genova Blend	FM	Standard	22	

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SETTING THE STANDARD FOR CONCRETE COLORS

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April 4, 2014

Solar Reflectance Index (SRI) values for colored concrete

An independent laboratory has measured the SRI values on samples of colored concrete made with Davis Colors (www.daviscolors.com). Colored concrete can contribute to LEED points. Sustainable Sites category, 7.1 Heat Island Effect, Non-Roof for New Construction, Existing Buildings, School and Core & Shell. These points can be earned by specifying materials with a Solar Reflective Index (SRI) of at least 28 when measured according to ASTM E903 or ASTM C1549.

The actual SRI value of the concrete or structure made with Davis Colors can vary significantly from these values. The SRI value depends on the lightness or darkness of the surface as well as its reflectivity and light scattering properties. This can be influenced by the base color of concrete, differences in local materials and the method of finishing. If SRI value is critical, the actual value should be measured on a job site mock-up made with materials and methods consistent with the project specification.

Solar reflectance measurements were made with a portable reflectometer in accordance with ASTM C1549-02. "Standard Test Method for Determination of Solar Reflectance Near Ambient Temperature Using a Portable Solar Reflectometer." Initial Thermal Emittance was determined in accordance with ASTM C1371-04. "Standard Test Method for Determination of Emittance of Materials Near Room Temperature Using a Portable Emittance Radiometer." Solar Reflectance Index (SRI) values were calculated assuming standard solar and ambient conditions in accordance with ASTM E1905-01.

Color	Solar Reflect.	SRI	Color	Solar Reflect.	SRI
Uncolored Concrete	0.39	41	Flagstone Brown	0.32	31
Willow Green	0.45	52	Sierra	0.29	27
Palomino	0.44	47	Pewter	0.29	27
Sangria	0.43	47	Green Slate	0.28	26
Sunset Rose	0.43	46	Adobe	0.24	21
Sequoia Sand	0.42	45	Taupe	0.23	20
Terra Cotta	0.41	44	Silversmoke	0.23	20
Salmon	0.42	44	Cobblestone	0.21	18
San Diego Buff	0.41	44	Kailua	0.19	14
Mesa Buff	0.41	43	Light Gray	0.15	9
Sandstone Southern Blue	0.41	43	Dark Gray	0.12	6
Spanish Gold	0.41	43	Graphite	0.08	1
Oman Tan	0.40	42			
Baja Red	0.40	42			
Santa Fe	0.39	41			
Tile Red	0.39	41			
Brick Red	0.38	40			
Pueblo	0.38	39			
Harvest Gold	0.38	37			
Canyon	0.38	37			
Mocha	0.38	36			
Dune	0.35	36			
Outback	0.35	36			
Cocoa	0.35	35			
Rustic Brown	0.35	35			
Yosemite Brown	0.33	33			
Bayou	0.33	32			
Mesquite	0.32	32			

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Available Colors

PRODUCT	SRI	COLOR
ESPIRIT		
EP 01	66	Crème Delicate
EP 02	37	Pietra Pisanina
EP 03	30	Lagos Grey
EP 04	75	Crème Luna
LAB 21		
LR 04	59	Moss
LR 07	29	Fog
NORR		
NR 01	61	Va
NR 02	48	Gra
NR 03	19	Swat
QUARTZ		
QR 01	67	Slender
QR 02	61	Mountains
QR 03	42	Waterfalls
QR 04	33	River
QR 05	21	Mantle
SIGNATURE		
SI 01	93	Artico
SI 04	37	Havana
SI 05	26	Dakota
STONES		
SD 05	68	Chambers
SD 10	15	Pietra Blue
SD 11	33	Pietra Blue Sables
SUNDECK		
SD 01	32	Origin
SD 02	23	Classic
SD 03	26	Spirit



SERIE	PRODOTTO	SRI	SR
Roxstones	Golden Stone 2cm	50	0.44
Life	Life Noce 2cm	25	0.26
Life	Life Oak 2cm	37	0.34
Roxstones	Silver Gray 2cm	53	0.46
EXTRAC	Pierre Bleue 2cm	17	0.2
Emotions	Sandy White 2cm	75	0.63
Emotions	Urban Grey 2cm	53	0.44
Roxstones	White Quartz 2cm	59	0.5
Gate	Tube 2cm	36	0.33
Emotions	Trendy Black 2cm	28	0.28
Gate	Greige 2cm	44	0.39
Life	Life Moro 2cm	17	0.2
Absolute	Beola Bianca 2cm	55	0.47
Emotions	Warm Beige 2cm	61	0.52
ELAPSE	CAVE 2cm	18	0.21
ELAPSE	MIST 2cm	34	0.32
SPACE	SMOKE 2cm	43	0.39
EIKON	GEA 2cm	61	0.52
EIKON	Titanio 2cm	32	0.3
VIBE	ROVERE 2cm	39	0.36
VIBE	CINDER 2cm	30	0.29
TALE	COCLA 2cm	51	0.44
AEXTRAC	Graustein 2cm	36	0.33
Life	Noce	30	0.29