



TEST RESULTS

Daylight Reflectance Test

Ref: Test Result/TR-056
Established: 14-May-14
Updated: 29-May-14

Background:

% Daylight Reflectance = % Diffuse Reflectance + % Specular Reflectance

Daylight Reflectance: Specular reflectance included (SCI) is the measurement of the total or daylight reflectance from a surface that including the diffuse and specular reflectance

Diffuse Reflectance: Specular reflectance excluded (SCE) is the measurement of reflectance made with Specular reflectance excluded from the measurement.

Objective:

To measure the light reflectance value of Solareflect standard colors

Method:

Colored measured with X-rite Color Eye CE 7000A spectrophotometer with below parameters

1. Measurement Geometry Angle: 8 degree
2. Integrating sphere size: 6" (15.2 cm) integrating sphere
3. Wavelength: 360-750nm
4. Illuminant : D65

NIPPON PAINT (SINGAPORE) CO PTE LTD

1, First Lok Yang Road, Jurong, Singapore 629728. Tel: 6265 5355 Fax: 6264 1603

Co Reg No. 196200138N

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TEST RESULTS

S/N	Code	Name	%Daylight Reflectance	% Diffuse Reflectance	% Specular Reflectance
1	0701	White	82.52	81.48	1.04
2	0702	Peach Splendour	65.85	65.36	0.48
3	0703	Beige Delight	63.70	63.46	0.24
4	0704	Chic Crème	53.52	53.31	0.21
5	0705	Nature	43.75	43.56	0.19
6	0706	Amazon	18.71	18.56	0.16
7	0707	Vanilla Arctic	68.17	67.98	0.19
8	0708	Buttercream	71.30	71.18	0.12
9	0709	Sunburst	54.31	54.19	0.12
10	0710	Haier Citrus	48.94	48.89	0.05
11	0711	Classy Pink	52.11	52.03	0.08
12	0712	Sandal	51.70	51.62	0.09
13	0713	Ritz Coppa	23.66	23.58	0.07
14	0714	Aquarium	54.91	54.74	0.17
15	0715	Alaskan Cruise	30.55	30.47	0.08
16	0716	Falcon Frost	66.95	66.66	0.29
17	0717	Urban Rocks	54.05	53.83	0.22
18	0718	Titania	38.01	37.86	0.15
19	0719	Airion Blu	54.81	54.63	0.18
20	0720	Enchanteur	37.06	37.01	0.05
21	0721	Lime Gem	63.90	63.74	0.17
22	0722	Vinyl Burst	50.02	49.87	0.16
23	0723	Oxblood	9.98	9.89	0.09
24	0724	Deep Clove	8.38	8.30	0.08
25	0725	Argent	23.02	22.89	0.13
26	0726	Jurassic	55.49	55.34	0.14
27	0727	Pale Eucalyptus	22.36	22.29	0.07
28	0728	Cottage Meadows	9.57	9.48	0.09
29	0729	Merman	30.84	30.69	0.15
30	0730	Orange Scent	70.55	70.40	0.15
31	0731	Slate Gray	19.14	19.01	0.14

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