

LIGHT REFLECTANCE VALUES OF DUPONT™ CORIAN® SOLID SURFACE COLOURS

INTRODUCTION

This bulletin provides the Light Reflectance Values (LRV) for the colours of DuPont™ Corian® solid surfaces. LRV is useful when designing spaces for visual contrast or light reflectivity.

OVERVIEW

The Light Reflectance Value is a measurement of the overall amount of light reflected from the surface. For aesthetics with significant colour variation, the value reported is an average representing the overall shade. The LRV may be used to determine the visual contrast between two different materials

where it is important that an object is visibly distinct, such as letters on a sign, handrails or stair treads. In addition, the Light Reflectance Value of a material is also used to calculate lighting requirements for a room. High LRV material on ceilings, floors and wall help reduce lighting requirements by reflecting existing light, either from light fixtures or daylight. Many paint companies are now providing the LRV for each colour of paint for this purpose.

More guidance on using LRV in designing a high contrast environment can be found for example in BS8300: «Design of building and their approaches to meet the needs of disabled people.»

LRV - ALPHABETICAL LISTING OF DUPONT™ CORIAN® COLOURS

Colour	LRV	Colour	LRV	Colour	LRV	Colour	LRV
Abalone	67	Clam Shell	63	Grape Green	54	Raffia	47
Absolute Beige	42	Clay	39	Gravel	8	Rosemary	20
Antarctica	83	Cocoa Brown	7	Hot	12	Royal Red	8
Anthracite	9	Coffee Bean	5	Ice White	61	Sagebrush	12
Aqua	40	Deep Anthracite	5	Imperial Yellow	57	Sahara	55
Arrowroot	66	Deep Black Quartz	5	Juniper	33	Sand	43
Artic Ice	74	Deep Gray	13	Lava Rock	7	Sandstone	35
Athena Gray	30	Deep Night Sky	5	Light Ash	75	Savannah	61
Aurora	52	Deep Nocturne	4	Lime Ice	71	Seagrass	51
Aztec Gold	31	Designer White	85	Linen	65	Serpentine Green	41
Beige Fieldstone	49	Diamond Blue	43	Matterhorn	28	Shale	10
Beryl Blue	29	Distinct Tan	27	Medea	12	Sienna Brown	16
Bisque	68	Dove	47	Midnight	13	Silt	17
Black Quartz	7	Dusk	43	Mint Ice	57	Silver Birch	65
Blooming Green	19	Eclipse	42	Mojave	44	Silver Gray	41
Blueberry Ice	7	Elegant Gray	41	Mont-Blanc	29	Silverite	28
Bone	62	Ethereal Azure	58	Night Sky	7	Sonora	12
Burled Beach	54	Everest	77	Noble Ecu	58	Vanilla	75
Cameo White	74	Fossil	53	Nocturne	4	Venaro White	76
Canyon	12	Glacier Ice	75	Pearl Gray	13	Warm Grey	37
Chic Aubergine	13	Glacier White	87	Platinum	31	White Jasmine	85
Citrus Orange	29	Grand Brown	13	Private Gray	56	Whitecap	87

All values have been measured according to ASTM C609

LIGHT REFLECTANCE VALUES OF DUPONT™ CORIAN® SOLID SURFACE COLOURS

LRV - LIGHT TO DARK LISTING OF DUPONT™ CORIAN® COLOURS

Colour	LRV	Colour	LRV	Colour	LRV	Colour	LRV
Glacier White	87	Ethereal Azure	58	Silver Gray	41	Midnight	13
Whitecap	87	Noble Ecrú	58	Aqua	40	Pearl Gray	13
Designer White	85	Imperial Yellow	57	Clay	39	Canyon	12
White Jasmine	85	Mint Ice	57	Warm Grey	37	Hot	12
Antarctica	83	Private Gray	56	Sandstone	35	Medea	12
Everest	77	Sahara	55	Juniper	33	Sagebrush	12
Venaro White	76	Burled Beach	54	Aztec Gold	31	Sonora	12
Glacier Ice	75	Grape Green	54	Platinum	31	Shale	10
Light Ash	75	Fossil	53	Athena Gray	30	Anthracite	9
Vanilla	75	Aurora	52	Beryl Blue	29	Gravel	8
Artic Ice	74	Seagrass	51	Citrus Orange	29	Royal Red	8
Cameo White	74	Beige Fieldstone	49	Mont-Blanc	29	Black Quartz	7
Lime Ice	71	Dove	47	Matterhorn	28	Blueberry Ice	7
Bisque	68	Raffia	47	Silverite	28	Cocoa Brown	7
Abalone	67	Mojave	44	Distinct Tan	27	Lava Rock	7
Arrowroot	66	Diamond Blue	43	Rosemary	20	Night Sky	7
Linen	65	Dusk	43	Blooming Green	19	Coffee Bean	5
Silver Birch	65	Sand	43	Silt	17	Deep Anthracite	5
Clam Shell	63	Absolute Beige	42	Sienna Brown	16	Deep Black Quartz	5
Bone	62	Eclipse	42	Chic Aubergine	13	Deep Night Sky	5
Ice White	61	Elegant Gray	41	Deep Gray	13	Deep Nocturne	4
Savannah	61	Serpentine Green	41	Grand Brown	13	Nocturne	4

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