

Sphera

LRV & DSDC product accreditation

Design	Colour number	Colour name	NCS	LRV Y (BS8493)	DSDC Rating*	DSDC Comments*
Element	50000	White	S 1002-G50Y	72	1a	Rated 1a as views as almost plain
	50003	Light neutral grey	S 2000-N	53	1b	
	50004	Mid neutral grey	S 3500-N	36	2	
	50005	Dark neutral grey	S 5000-N	24	1b	Rated 1b as pattern more apparent
	50006	Anthracite	S 6500-N	15	1b	
	50007	Grey sky	S 1502-B50G	63	1b	
	50008	Silver grey	S 2502-B	47	1b	
	50009	Lead	S 4502-B	27	1b	Rated 1b as pattern more apparent
	50010	Iron	S 5502-B	17	2	Rated 2 as pattern stronger
	50011	Steel	S 7502-B	10	1b	
	50017	Ivory	S1502 -Y50R	62	1a	Rated 1a as views as almost plain
	50018	Mortar	S 2005-Y30R	49	1b	
	50019	Clay	S 4005-Y20R	36	1b	
	50020	Silt	S 5005-Y50R	23	2	
	50022	Shell	S 1005-Y10R	70	1b	
	50023	Sand	S 2010-Y30R	53	1b	
	50024	Stone	S 3010-Y30R	38	1b	
	50025	Earth	S 5010-Y30R	23	2	
	50028	Greige	S 2002-Y50R	47	2	
	50029	Taupe	S 3502-Y	34	1b	
	50037	China blue	S 2030-R80B	36	1b	Rated 1b due to minimal pattern
	50038	Blueberry	S 4030-R80B	19	2	
	50062	Storm grey	S 1502-G	59	1b	Rated 1b due to subtle pattern which is tonally close overall
	50063	White moss	S 1510-G90Y	65	1b	Rated 1b due to subtle pattern which is tonally close overall
50064	Light moss	S 2020-G80Y	50	1b	Rated 1b as not totally plain but due to subtle pattern which is tonally close overall	

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Element	50065	Moss	S 3020-G90Y	38	1b	Rated 1b as not totally plain but due to subtle pattern which is tonally close overall
	50066	Flax	S 4020-Y10R	27	1b	
	50067	Straw	S 1020-G80Y	71	1a	Rated 1a due to contrast within the pattern being so subtle that it appears plain
	50068	Hay	S 2030-G90Y	47	1b	Rated 1b as not totally plain but due to subtle pattern which is tonally close overall
	50069	Dark moss	S 5020-G90Y	21	1b	
	50070	Soft violet	S 2005-R20B	47	1b	
	50071	Violet	S 4010-R10B	27	1b	Rated 1b due to subtle pattern which is tonally close overall
	50072	Light peach	S 1505-Y50R	62	1b	Rated 1b as not totally plain but due to subtle pattern which is tonally close overall
	50073	Peach	S 2020-Y80R	41	1b	Rated 1b due to subtle pattern which is tonally close overall
	50074	Dark peach	S 3020-Y80R	32	1b	
	50075	Hibiscus	S 4030-Y80R	18	1b	
	50076	Pastel kelp	S 1005-G10Y	66	1b	Rated 1b as not totally plain but due to subtle pattern which is tonally close overall
	50077	Kelp	S 4010-B90G	28	1b	
	50078	Dark kelp	S 6010-B90G	16	1b	
	50079	Lagoon	S 2005-B	51	1b	
	50080	Reef green	S 4020-B10G	24	1b	
	50081	Ocean	S 5030 -B	13	1b	
	50082	Lavender grey	S 4020-R80B	23	1b	Rated 1b due to subtle pattern which is tonally close overall
	51018	Contrast mortar	S 2005-Y50R	49	2	Rated 2 due to light and dark chips which contrast with each other and with the background colour. The tonal contrast is noticeable to the naked eye and in tonal setting on a camera. The contrasting chips could be perceived as stones to pick up or a rough texture which some people may stoop down to pick up or high step to avoid leading to potential trips and falls. The Contrast colourways within this range are not rated unsuitable due to the design's stone terrazzo effect which is familiar and relatively consistent in its placement of chips
	51054	Contrast amber	S 2040-Y	54	2	Rated 2 due to more contrast between light and dark chips and against the background colour
51078	Contrast kelp	S 6010-B90G	17	2		

Design	Colour number	Colour name	NCS	LRV Y (BS8493)	DSDC Rating*	DSDC Comments*
Element	51004	Contrast mid grey	S 2500-N	51	2	Rated 2 due to more contrast between light and dark chips and against the background colour
	51005	Contrast dark grey	S 4502-G	32	2	
	51001	Contrast black	S 7502-B	8	2	Rated 2 due to contrasting light and dark chips. We also advise to use this colourway with caution due to the low LRV resulting in a dark floor which could have adverse effects on some people with dementia
	51037	Contrast China blue	S 3020-R90B	38	2	Rated 2 due to more contrast between light and dark chips and against the background colour
	51023	Contrast sand	S 2010-Y20R	51	1b	Rated 1b as the contrast between the chips and the background is more subtle than in the other contrast colourways
	51073	Contrast peach	S 2020-Y80R	45	2	Rated 2 due to more contrast between light and dark chips and against the background colour

Energetic	50201	Yellow	S 1060-G90Y	64	X	Rated unsuitable due to clearly contrasting holographic chips which could be perceived by someone with dementia or a visual impairment as holes or something to pick which can lead to hesitation, high stepping & potential falls	
	50202	Concrete	S 3502-G	38	X		
	50204	Deep sea	S 5020-B	17	X		
	50209	Nutmeg	S 4010-Y30R	31	X		
	50210	Mandarin	S 1070-Y20R	40	X		
	50211	Stone	S 2502-Y	49	X		
	50214	Lime	S 1060-G60Y	55	X	Rated unsuitable due to clearly contrasting holographic chips which could be perceived by someone with dementia or a visual impairment as holes or something to pick which can lead to hesitation, high stepping & potential falls	
	50215	Ebony	S 7000-N	14	2		Rated 2 as the chips are tonally closer to the background colour than on other colourways
	50216	Pigeon	S 4502-G	26	X		
	50217	Mystic blue	S 3020-B10G	35	X		
	50219	Dolphin	S 5005-R20B	24	X		
	50221	Linen	S 2005-Y	56	X		
	50225	Masala	S 5020-Y50R	21	X		
	50231	Rosebud	S 1015-Y70R	61	X		
	50233	Swedish grey	S 2005-G20Y	55	X		
	50234	Lilac	S 1510-R40B	56	X		
	50236	Thyme	S 4010-G30Y	30	X		
	50239	Ice	S 1515-B	58	X		
	50241	Madder red	S 1580-Y80R	16	X		
	50242	Malachite	S 5030-G	14	2		Rated 2 as the chips are tonally closer to the background colour than on other colourways

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Energetic	51202	Vivid concrete	S 3502-G	38	X	Rated unsuitable due to clearly contrasting holographic chips which could be perceived by someone with dementia or a visual impairment as holes or something to pick which can lead to hesitation, high stepping & potential falls
	51207	Vivid denim	S 6020-R80B	11	X	
	51209	Vivid nutmeg	S 4010-Y30R	31	X	
	51210	Vivid mandarin	S 1070-Y20R	40	X	
	51212	Vivid elephant	S 4502-Y	29	X	
	51231	Vivid rosebud	S 1015-Y70R	61	X	
	51234	Vivid lilac	S 1510-R40B	56	X	
	51239	Vivid ice	S 1515-B	58	X	
	51242	Vivid malachite	S 5030-G	14	X	
	51243	Vivid snow	S 1002-G	79	X	
	51244	Vivid ebony	S 7000-N	14	X	
	51245	Vivid thyme	S 4010-G30Y	30	X	
	52202	Shimmer concrete	S 3502-G	38	X	
	52215	Shimmer ebony	S 7000-N	14	X	
	52216	Shimmer pigeon	S 4502-G	26	X	
	52217	Shimmer mystic blue	S 3020-B10G	35	X	
	52222	Shimmer lace	S 0603-G80Y	76	X	
	52225	Shimmer masala	S 5020-Y50R	21	X	
	52236	Shimmer thyme	S 4010-G30Y	30	X	
	53200	Confetti snow	N/A	65	X	
53202	Confetti concrete	N/A	33	X		
53215	Confetti ebony	N/A	26	X		
Elite	50480	Selenite	S 2002-G	79	1b	There are some contrasting darker and lighter chips but these are subtle enough to be rated 1b
	50481	Seiryu	S 3500-N	70	1b	
	50482	Smokey quartz	S 6502-B	45	X	Rated unsuitable due to stronger contrast between light chips and darker background which is very noticeable
	50483	Hematite	S 5000-N	57	1b	There are some contrasting darker and lighter chips but these are subtle enough to be rated 1b
	50484	Coquina	S 3005-G80Y	72	1b	
	50485	Obsidian	S 4502-Y	59	1b	
	50486	Sardonyx	S 2005-Y50R	76	1b	
	50487	Axinite	S 5005-Y20R	58	2	Rated 2 due to more obviously contrasting and randomly distributed chips within the pattern
	50488	Brown topaz	S 3010-Y20R	66	2	
	50489	Pyrite	S 7000-N	42	X	Rated unsuitable due to stronger contrast between light chips and the dark background which is very noticeable

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Elite	50490	Enstatite	S 4020-G90Y	60	2	Rated 2 due to more obviously contrasting and randomly distributed chips within the pattern
	50491	Citrine	S 4020-G90Y	59	2	
	50492	Jadeite	S 4010-R90B	59	1b	There are some contrasting darker and lighter chips but these are subtle enough to be rated 1b
	50493	Iris agate	S 4030-G50Y	57	1b	
	50494	Suglite	S 3005-R20R	68	2	Rated 2 due to more obviously contrasting and randomly distributed chips within the pattern
	50495	Purple flouride	S 4010-Y90R	57	2	
	50496	Kyanite	S 3010-R80B	66	1b	There are some contrasting darker and lighter chips but these are subtle enough to be rated 1b
	50497	Zircon	S 4020-Y70R	59	1b	



Sphera SD	SD 550000	White	S 1502-G50Y	65	1b	Rated 1b as the speckles within the pattern are very close tonally to the background. A more subtle natural dappled effect with less contrast across the design. When viewed in mono setting (where hue is removed) the sample looks almost plain
	SD 550003	Light neutral grey	S 2500-N	52	X	Rated unsuitable due to the strongly contrasting white chips which create a random blotchy pattern. The chips could appear to be things to pick up or clean which could potentially cause issues for some people with dementia
	SD 550005	Dark neutral grey	S 4502-B	27	X	
	SD 550007	Grey sky	S 2002-B50G	59	1b	Rated 1b as the speckles within the pattern are very close tonally to the background. A more subtle natural dappled effect with less contrast across the design. When viewed in mono setting (where hue is removed) the sample looks almost plain
	SD 550008	Silver grey	S 2502-B	47	X	Rated unsuitable due to the strongly contrasting white chips which create a random blotchy pattern. The chips could appear to be things to pick up or clean which could potentially cause issues for some people with dementia
	SD 550017	Ivory	S 1500-N	62	1b	Rated 1b as the speckles within the pattern are very close tonally to the background. A more subtle natural dappled effect with less contrast across the design. When viewed in mono setting (where hue is removed) the sample looks almost plain
	SD 550023	Sand	S 2005-Y40R	51	X	Rated unsuitable due to the strongly contrasting white chips which create a random blotchy pattern. The chips could appear to be things to pick up or clean which could potentially cause issues for some people with dementia
	SD 550018	Mortar	S 2502-Y	47	X	
	SD 550036	Water	S 1510-R90B	57	X	
	SD 550037	China blue	S 2030-R90B	38	X	
	SD 550032	Soft lilac	S 2005-R50B	53	X	

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Design	Colour number	Colour name	NCS	LRV Y (BS8493)	DSDC Rating*	DSDC Comments
Sphera SD	SD 550034	Amethyst	S 5030-R30B	17	X	Rated unsuitable due to the strongly contrasting white chips which create a random blotchy pattern. The chips could appear to be things to pick up or clean which could potentially cause issues for some people with dementia
	SD 550049	Yellow green	S 2050-G60Y	46	X	
	SD 550050	Olive	S 4010-G10Y	31	X	

Sphera EC	EC 450000	White	S 1502-G50Y	63	X	Rated unsuitable due to the strongly contrasting dark grey chips which create a random blotchy pattern. These chips could be viewed by people with dementia as something to avoid, clean or pick up which could potentially lead to trips & falls
	EC 450003	Light neutral grey	S 2500-N	48	X	
	EC 450005	Dark neutral grey	S 4502-B	23	X	
	EC 450007	Grey sky	S 2002-B50G	55	X	Rated unsuitable due to the strongly contrasting dark grey chips which create a random blotchy pattern. These chips could be viewed by people with dementia as something to avoid, clean or pick up which could potentially lead to trips & falls
	EC 450008	Silver grey	S 2502-B	42	X	
	EC 450017	Ivory	S 1500-N	56	X	
	EC 450018	Mortar	S 2502-Y	46	X	
	EC 450036	Water	S 1510-R90B	54	X	
	EC 450037	China blue	S 2030-R90B	35	X	
	EC 450032	Soft lilac	S 2005-R50B	50	X	
	EC 450034	Amethyst	S 5030-R30B	13	X	Rated unsuitable due to the strongly contrasting dark grey & light grey chips which create a random blotchy pattern. These chips could be viewed by people with dementia as something to avoid or pick up which could potentially lead to trips & falls
	EC 450049	Yellow green	S 2050-G60Y	42	X	Rated unsuitable due to the strongly contrasting dark grey chips which create a random blotchy pattern. These chips could be viewed by people with dementia as something to avoid, clean or pick up which could potentially lead to trips & falls
	EC 450050	Olive	S 4010-G10Y	28	X	Rated unsuitable due to the strongly contrasting dark grey & light grey chips which create a random blotchy pattern. These chips could be viewed by people with dementia as something to avoid or pick up which could potentially lead to trips & falls

	2016-074 FORBO FLOORING	
	DSDC RATING KEY	
	NOV-16	
*RATING	*RATING DESCRIPTION	
Class 1a	<p>Flooring within this rating is plain and can be used indiscriminately. That said, bear in mind the need to contrast flooring and walls, skirtings, doors/frames, furniture and sanitary ware.</p> <p>Contrast is the key word.</p> <p>We recommend a minimum contrast of 30 units LRV (Light Reflectance Value) between the critical surfaces mentioned above.</p>	
Class 1b	<p>Flooring within this rating is semi-plain (minimal texture or fleck/pattern, wood effect with no knots) and in general, can be used throughout.</p> <p>Natural patterns such as timber and stone may be used in most areas due to their familiarity but with a degree of caution.</p> <p>Bear in mind minimum contrast of 30 units LRV (Light Reflectance Value) between the critical surfaces mentioned above.</p>	
Class 2	<p>Flooring within this rating has some pattern and needs to be used with caution. The natural patterns such as timber and stone in this range are more figured/patinated and although still familiar they need to be used with more caution than the above range.</p> <p>Bear in mind minimum contrast of 30 units LRV (Light Reflectance Value) between the critical surfaces mentioned above.</p>	

For an environment to be considered 'dementia-inclusive' or 'dementia-friendly', careful consideration must be given to the entire specification, not just the flooring.

As with many design features, individual needs and preferences should also be considered. What is fine for one person, may not be the case for another.

For more information and to download our 'Designing for dementia care' brochure visit www.forbo-flooring.co.uk/care