

# Sphera

## LRV & DSDC product accreditation

Design	Colour number	Colour name	NCS	LRV Y (BS8493)	DSDC Rating*	DSDC Comments*
<b>Element</b>	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		Awaiting accreditation
	50063	White moss	S 1510-G90Y	65		Awaiting accreditation
50064	Light moss	S 2020-G80Y	50		Awaiting accreditation	

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<b>Element</b>	50065	Moss	S 3020-G90Y	38		Awaiting accreditation
	50066	Flax	S 4020-Y10R	27		
	50067	Straw	S 1020-G80Y	71		
	50068	Hay	S 2030-G90Y	47		
	50069	Dark moss	S 5020-G90Y	21		
	50070	Soft violet	S 2005-R20B	47		
	50071	Violet	S 4010-R10B	27		
	50072	Light peach	S 1505-Y50R	62		
	50073	Peach	S 2020-Y80R	41		
	50074	Dark peach	S 3020-Y80R	32		
	50075	Hibiscus	S 4030-Y80R	18		
	50076	Pastel kelp	S 1005-G10Y	66		
	50077	Kelp	S 4010-B90G	28		
	50078	Dark kelp	S 6010-B90G	17		
	50079	Lagoon	S 2005-B	51		
	50080	Reef green	S 4020-B10G	24		
	50081	Ocean	S 5030 -B	13		
	50082	Lavender grey	S 4020-R80B	23		
	51018	Contrast mortar	S 2005-Y50R	49		
	51054	Contrast amber	S 2040-Y	54		
	51078	Contrast kelp	S 6010-B90G	17		
	51004	Contrast mid grey	S 2500-N	51		
	51005	Contrast dark grey	S 4502-G	32		
	51001	Contrast black	S 7502-B	8		
	51037	Contrast China blue	S 3020-R90B	38		
	51023	Contrast sand	S 2010-Y20R	51		
	51073	Contrast peach	S 2020-Y80R	45		

Design	Colour number	Colour name	NCS	LRV Y (BS8493)	DSDC Rating*	DSDC Comments*
<b>Energetic</b>	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	
	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	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
	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
	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		

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<b>Energetic</b>	52215	Shimmer ebony	S 7000-N	14	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
	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	

<b>Elite</b>	50480	Selenite	S 2002-G	55		Awaiting accreditation
	50481	Seiryu	S 3500-N	40		
	50482	Smokey quartz	S 6502-B	45		
	50483	Hematite	S 5000-N	25		
	50484	Coquina	S 3005-G80Y	44		
	50485	Obsidian	S 4502-Y	27		
	50486	Sardonyx	S 2005-Y50R	50		
	50487	Axinite	S 5005-Y20R	26		
	50488	Brown topaz	S 3010-Y20R	35		
	50489	Pyrite	S 7000-N	13		
	50490	Enstatite	S 4020-G90Y	29		
	50491	Citrine	S 4020-G90Y	27		
	50492	Jadeite	S 4010-R90B	27		
	50493	Iris agate	S 4030-G50Y	25		
	50494	Sugilite	S 3005-R20R	37		
	50495	Purple flouride	S 4010-Y90R	24		
	50496	Kyanite	S 3010-R80B	35		
	50497	Zircon	S 4020-Y70R	27		

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<b>Sphera SD</b>	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	
	SD 550034	Amethyst	S 5030-R30B	17	X	
	SD 550049	Yellow green	S 2050-G60Y	46	X	
	SD 550050	Olive	S 4010-G10Y	31	X	

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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	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 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.

	<b>2016-074 FORBO FLOORING</b>	
	<b>DSDC RATING KEY</b>	
	<b>NOV-16</b>	
<b>*RATING</b>	<b>*RATING DESCRIPTION</b>	
<b>Class 1a</b>	<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>	
<b>Class 1b</b>	<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>	
<b>Class 2</b>	<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](http://www.forbo-flooring.co.uk/care)