

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
	50001	Black	S 8502-B	6	1b	Rated 1b as pattern more apparent
	50002	White neutral grey	S 1500-N	63	1b	
	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	
	50012	Mist	S 1502-G50Y	66	1b	
	50013	Smog	S 2502-G	43	1b	
	50014	Smoke	S 4502-Y	27	1b	
	50015	Basalt	S 5502-Y	19	2	
	50016	Ash	S 7005-G50Y	15	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	
	20021	Truffle	S 7005-Y50R	15	1b	
	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	
	50026	Mud	S 6005-Y20R	15	2	
	50027	Fog	S 1500-N	65	1b	
	50028	Greige	S 2002-Y50R	47	2	
	50029	Taupe	S 3502-Y	34	1b	
50030	Moleskin	S 5005-Y80R	21	2		

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Element	50031	Coal	S 6502-R	15	1b	
	50032	Soft lilac	S2005-R30B	56	1b	
	50033	Dimgrey	S 5010-R50B	20	1b	
	50034	Amethyst	S 4040-R80B	12	1b	
	50035	Purple heart	S 5020-R50B	13	2	Rated 2 due to stronger pattern
	50036	Water	S 1510-R90B	60	1b	
	50037	China blue	S 2030-R80B	36	1b	Rated 1b due to minimal pattern
	50038	Blueberry	S 4030-R80B	19	2	
	50039	Navy	S 5030-R80B	10	1b	
	50040	Azure	S 1020-B10G	58	1b	
	50041	Pacific	S 4020-R90B	24	1b	
	50042	Cerulean	S 4050-R90B	13	2	
	50043	Cloud	S 1005-B80G	64	1b	
	50044	Turquoise	S 1020-B70G	60	1b	
	50045	Jade	S 2030-B90G	40	1b	
	50046	Teal	S 4040-B10G	16	1b	
	50047	Pale green	S 1010-G50Y	69	1b	
	50048	Pistachio	S 1020-G50Y	64	1b	
	50049	Yellow green	S 2050-G70Y	47	2	
	50050	Olive	S 4010-G30Y	30	2	
	50051	Butter	S 0907-G90Y	67	1b	
	50052	Custard	S 1015-G80Y	69	1b	
	50053	Sun	S 1060-Y	62	1b	
	50054	Amber	S 2040-Y10R	42	1b	
	50055	Powder	S 1005-Y40R	65	1b	
	50056	Cedar	S 2020-Y40R	43	2	
	50057	Tangerine	S 1060-Y50R	33	1b	
	50058	Carmine	S 3060-R	11	2	
	50059	Sahara	S 2020-Y20R	46	1b	
	50060	Terra	S 4030-Y50R	22	2	
	50061	Saddle brown	S 5040-Y70R	14	1b	

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Energetic	50200	Snow	S 1002-G	79	x	Rated unsuitable due to prominent flecks
	50201	Yellow	S 1060-G90Y	64	x	Rated unsuitable due to prominent flecks
	50202	Concrete	S 3502-G	38	x	Rated unsuitable due to prominent flecks
	50203	Pitch black	S 8502-B	7	x	Rated unsuitable due to prominent flecks
	50204	Deep sea	S 5020-B	17	x	Rated unsuitable due to prominent flecks
	50205	Inox	S 2002-B50G	57	x	Rated unsuitable due to prominent flecks
	50206	Bark	S 6005-Y20R	18	x	Rated unsuitable due to prominent flecks
	50207	Denim	S 6020-R80B	11	x	Rated unsuitable due to prominent flecks
	50208	Almond	S 1005-Y	70	x	Rated unsuitable due to prominent flecks
	50209	Nutmeg	S 4010-Y30R	31	x	Rated unsuitable due to prominent flecks
	50210	Mandarin	S 1070-Y20R	40	x	Rated unsuitable due to prominent flecks
	50211	Stone	S 2502-Y	49	x	Rated unsuitable due to prominent flecks
	50212	Elephant	S 4502-Y	29	x	Rated unsuitable due to prominent flecks
	50213	Spring	S 0540-G50Y	68	x	Rated unsuitable due to prominent flecks
	50214	Lime	S 1060-G60Y	55	x	Rated unsuitable due to prominent flecks
	50215	Ebony	S 7000-N	14	x	Rated unsuitable due to prominent flecks
	50216	Pigeon	S 4502-G	26	x	Rated unsuitable due to prominent flecks
	50217	Mystic blue	S 3020-B10G	35	x	Rated unsuitable due to prominent flecks
	50218	Spearmint	S 1020-B50G	59	x	Rated unsuitable due to prominent flecks
	50219	Dolphin	S 5005-R20B	24	x	Rated unsuitable due to prominent flecks
	50220	Mineral	S 0907-B80G	70	x	Rated unsuitable due to prominent flecks
	50221	Linen	S 2005-Y	56	x	Rated unsuitable due to prominent flecks
	50222	Lace	S 0603-G80Y	76	x	Rated unsuitable due to prominent flecks
	50223	Frost	S 2015-B	46	x	Rated unsuitable due to prominent flecks
	50224	Fossil	S 5050-Y80R	25	x	Rated unsuitable due to prominent flecks
	50225	Masala	S 5020-Y50R	21	x	Rated unsuitable due to prominent flecks
	50226	Mirror	S 1500-N	67	x	Rated unsuitable due to prominent flecks
	50227	Safflower	S 2050-Y50R	31	x	Rated unsuitable due to prominent flecks
	50228	Burgundy	S 4050-R	11	x	Rated unsuitable due to prominent flecks
	50229	Morning dew	S 2005-B80G	52	x	Rated unsuitable due to prominent flecks
	50230	Polar	S 1002-G	68	x	Rated unsuitable due to prominent flecks
	50231	Rosebud	S 1015-Y70R	61	x	Rated unsuitable due to prominent flecks
50232	Eggplant	S 6030-R50B	7	x	Rated unsuitable due to prominent flecks	

Design	Colour number	Colour name	NCS	LRV Y (BS8493)	DSDC Rating*	DSDC Comments*
Energetic	50233	Swedish grey	S 2005-G20Y	55	x	Rated unsuitable due to prominent flecks
	50234	Lilac	S 1510-R40B	56	x	Rated unsuitable due to prominent flecks
	50235	Deep emerald	S 6030-B30G	10	x	Rated unsuitable due to prominent flecks
	50236	Thyme	S 4010-G30Y	30	x	Rated unsuitable due to prominent flecks
	50237	Mushroom	S 3010-Y10R	41	x	Rated unsuitable due to prominent flecks
	50238	Seagreen	S 1020-G20Y	66	x	Rated unsuitable due to prominent flecks
	50239	Ice	S 1515-B	58	x	Rated unsuitable due to prominent flecks
	50240	Yves Klein blue	S 4055-R70B	8	x	Rated unsuitable due to prominent flecks

Evolution	50432	Silver white	S 1002-G50Y	79	x	Rated unsuitable due to prominent flecks
	50434	Sage	S 3010-G30Y	36	x	Rated unsuitable due to prominent flecks
	50436	Lemon	S 0540-G80Y	73	x	Rated unsuitable due to prominent flecks
	50430	Aqua	S 2060-B	25	x	Rated unsuitable due to prominent flecks
	50438	Marigold	S 1070-Y20R	41	x	Rated unsuitable due to prominent flecks
	50440	Satin	S 1502-R	58	x	Rated unsuitable due to prominent flecks
	50431	Lapis	S 6030-R80B	8	x	Rated unsuitable due to prominent flecks
	50433	Peacock	S 5030-B10G	15	x	Rated unsuitable due to prominent flecks
	50435	Viridian	S 5030-B70G	16	x	Rated unsuitable due to prominent flecks
	50437	Volcano	S 5005-Y80R	23	x	Rated unsuitable due to prominent flecks
	50439	Copper	S 5030-Y70R	15	x	Rated unsuitable due to prominent flecks
	50441	Bronze	S 5020-Y50R	22	x	Rated unsuitable due to prominent flecks
	50470	Shaded aqua	S 7502-B	8	x	Rated unsuitable due to prominent flecks
	50471	Shaded silver white	S 7502-N	10	x	Rated unsuitable due to prominent flecks
	50472	Shaded viridian	S 8502-B	8	x	Rated unsuitable due to prominent flecks
	50473	Shaded lemon	S 7502-B	8	x	Rated unsuitable due to prominent flecks
	50474	Shaded copper	S 8502-R	8	x	Rated unsuitable due to prominent flecks
	50475	Shaded bronze	S 8000-N	8	x	Rated unsuitable due to prominent flecks
	50400	Aqua pearl	S 2002-G	59	x	Rated unsuitable due to prominent flecks
	50401	Silver white pearl	S 1002-G50Y	71	x	Rated unsuitable due to prominent flecks
	50402	Sage pearl	S 2002-G50Y	57	x	Rated unsuitable due to prominent flecks
	50403	Lemon pearl	S 1505-Y30R	63	x	Rated unsuitable due to prominent flecks
	50404	Copper pearl	S 2005-Y20R	61	x	Rated unsuitable due to prominent flecks
	50405	Bronze pearl	S 1502-Y50R	60	x	Rated unsuitable due to prominent flecks

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Design	Colour number	Colour name	NCS	LRV Y (BS8493)	DSDC Rating*	DSDC Comments
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	
	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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Design	Colour number	Colour name	NCS	LRV Y (BS8493)	DSDC Rating*	DSDC Comments
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.

	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