



PALETTONE

Discover a new world of colour



Commercial Homogeneous Flooring

Homogeneous flooring made by Polyflor in the UK is synonymous with quality and performance and product ranges that are typified by their excellent durability, reliability, ease of maintenance and design opportunities.

The latest addition, Palettone PUR, is no exception. Featuring a solid colour base with complementary toned highlights in a palette of 50 shades.

Availability

Palettone is available in an extensive selection of shades providing a deep and rich source of inspiration for contemporary interior design schemes. All shades are available in 2 x 20m sheets while selected shades are available in 608 x 608mm tiles or SD sheet specification.

Sectors

All the established characteristics of a Polyflor homogeneous PUR product are inherent within this premium collection, which is ideally suited for the most demanding of commercial interiors, education facilities, leisure and retail areas.

Within the health and care sector, Palettone combines performance with aesthetics. When the issue of preventing and controlling infection is paramount or when a subtle, tone-on-tone design is required for a dementia-led environment, Palettone is the perfect fit-for-purpose contemporary floor covering solution.

For colour. For choice. Think Palettone.



FOR
COLOUR
FOR
CHOICE
THINK
PALETTONE.

Our natural world is alive with wonderfully concealed textures and materials that create beautiful arrangements of shades and colours.

Discover a new world of colour

When exploring our surroundings, we can often be absorbed with a focal point or an exceptional view. This can often distract or disguise many of the smaller components that make up what we see. Only when we look closely at these individual elements, is it possible to discover a whole new world of shades and colours.

We have used this philosophy to generate our new Palettone flooring collection. We hope this will inspire you to construct a captivating foundation for your next interior design project.

NCS References

Each shade of this new collection has its own NCS reference number as a guide, whilst exploring and creating truly bespoke schemes that support your design intuition.



Cool Greys

Warm Greys

Greens

Blues

Pink Purples

Yellow Reds

Beige Browns









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BEAUTIFUL
STONE SURFACES
CAPTURE INTRIGUING
COOL GREY SHADES

Cool Greys

608 Palettone PUR Tile 608 x 608mm 12 shades ⚡ Palettone SD Sheet 2 x 20m 6 shades

<p>8609 Deep Space LRV 10 NCS S 7500-N</p> <p>608</p> 	<p>8608 Pencil Lead LRV 18 NCS S 6005-B20G</p> <p>608 ⚡</p> 	<p>8637 Lunar Landscape LRV 34 NCS S 4000-N</p> 	<p>8607 Dove Tail LRV 38 NCS S 3502-R</p> <p>608 ⚡</p> 	<p>8636 Cool Blende LRV 43 NCS S 3005-R80B</p> 	<p>8606 Frosted Glass LRV 53 NCS S 2002-G50Y</p> <p>608 ⚡</p> 	<p>8635 Linen Air LRV 62 NCS S 1502-Y</p> 	<p>8605 Urban Air LRV 68 NCS S 1002-Y</p> <p>608</p> 
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8608
Pencil Lead
LRV 18
NCS S 6005-B20G



8606
Frosted Glass
LRV 53
NCS S 2002-G50Y





8609
Deep Space
LRV 10
NCS S 7500-N

8630
New Dawn
LRV 49
NCS S 1070-Y10R
See page 38

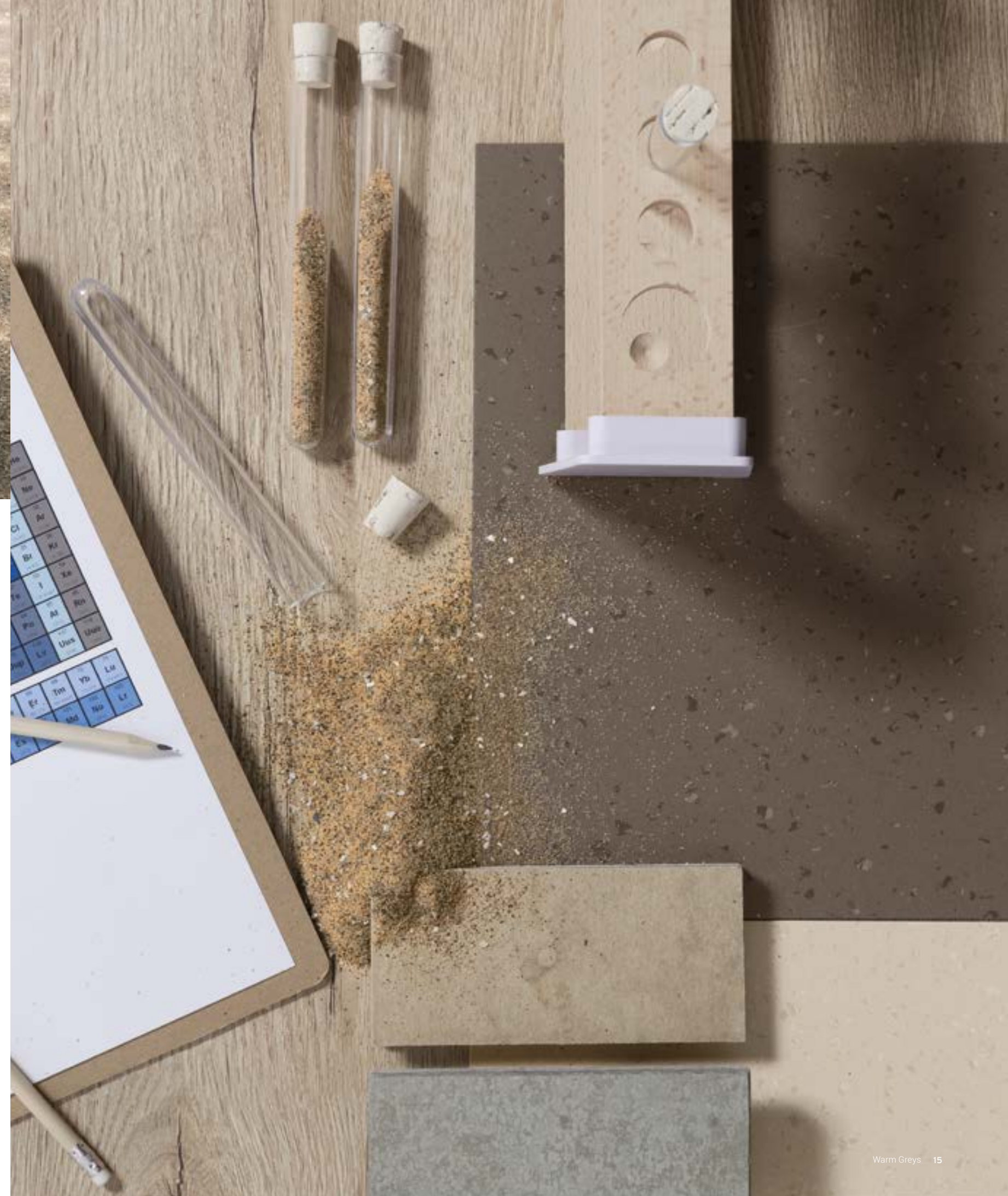
WINDSWEPT
SAND CREATES
WARM TONES AS
THE RECEDING
SUNLIGHT HITS
EACH PEAK

Warm Greys

608 Palettone PUR Tile 608 x 608mm 12 shades ⚡ Palettone SD Sheet 2 x 20m 6 shades

8624 Freshly Ground LRV 12 NCS S 7005-Y20R	8644 Dried Tarragon LRV 17 NCS S 6005-G50Y	8639 Quarystone LRV 23 NCS S 5500-N	8643 Garden Sage LRV 32 NCS S 4005-G50Y	8642 Fired Ochre LRV 29 NCS S 4005-Y20R	8641 Earthenware LRV 49 NCS S 2005-Y50R	8621 Natural Cotton LRV 58 NCS S 1505-Y50R
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608



8624
Freshly Ground
LRV 12
NCS S 7005-Y20R



8641
Earthenware
LRV 49
NCS S 2005-Y50R



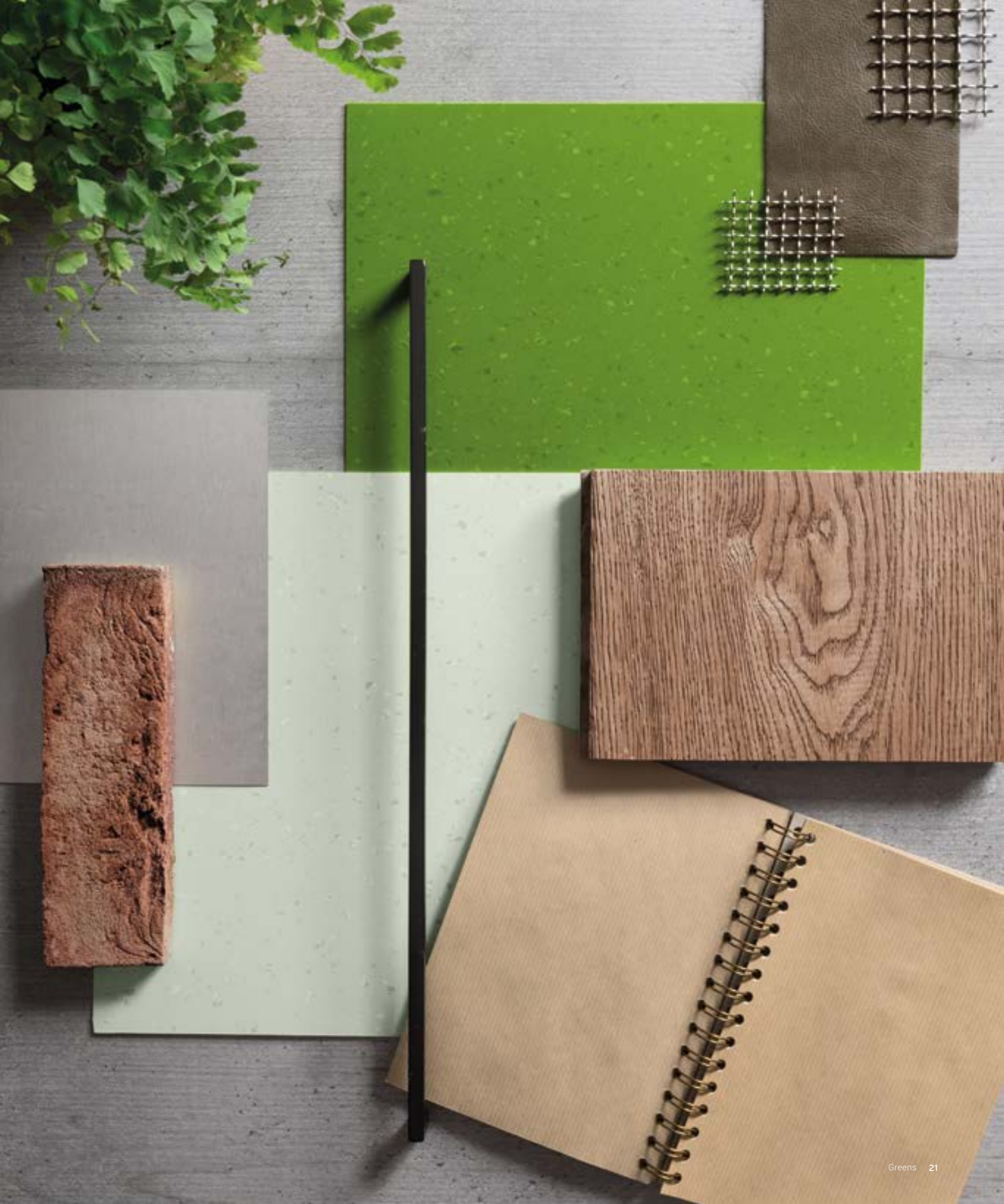


8621
Natural Cotton
LRV 58
NCS S 1505-Y50R

8647
Wild Portabella
LRV 33
NCS S 3010-Y40R
See page 44



INDIVIDUAL BLADES
OF GRASS FLOURISH
TO REFLECT AN
ASSORTMENT OF
GREEN TONES



Greens

608 Palettone PUR Tile 608 x 608mm 12 shades ⚡ Palettone SD Sheet 2 x 20m 6 shades

- | | | | | | | |
|--|--|---|---|---|--|--|
| 8619
Festival Field
LRV 16
NCS S 5040-G70Y | 8618
English Garden
LRV 17
NCS S 3050-G40Y | 8617
Sunshine Meadow
LRV 38
NCS S 2050-G60Y | 8653
Crisp Apple
LRV 40
NCS S 2030-G30Y | 8652
Pennyroyal Mint
LRV 45
NCS S 2020-B50G | 8616
Orchard Walk
LRV 60
NCS S 1020-G40Y | 8615
Woodland Air
LRV 70
NCS S 1005-G20Y |
|--|--|---|---|---|--|--|

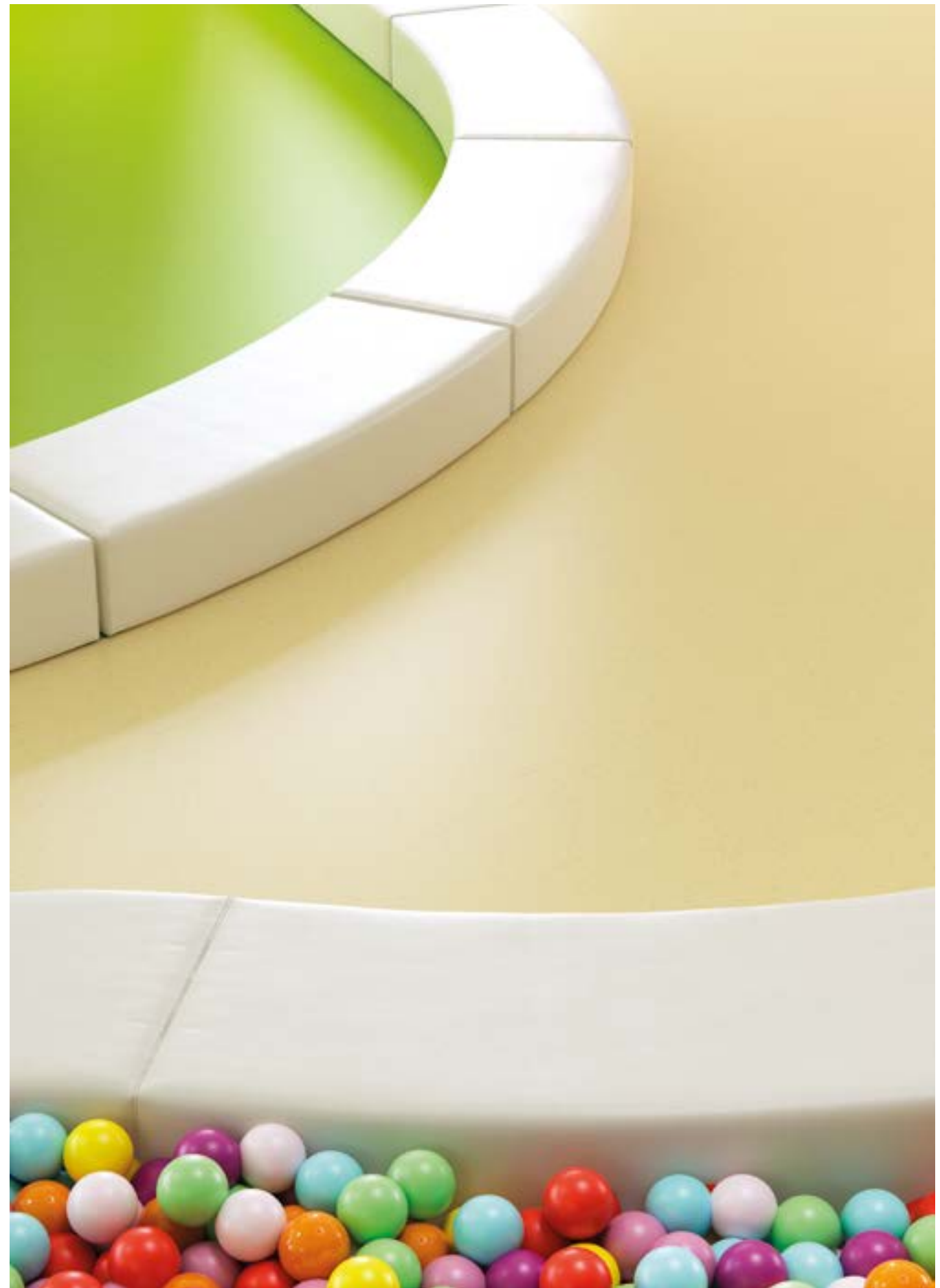


608 ⚡

8618
English Garden
LRV 17
NCS S 3050-G40Y

8615
Woodland Air
LRV 70
NCS S 1005-G20Y





8617
Sunshine Meadow
LRV 38
NCS S 2050-G60Y

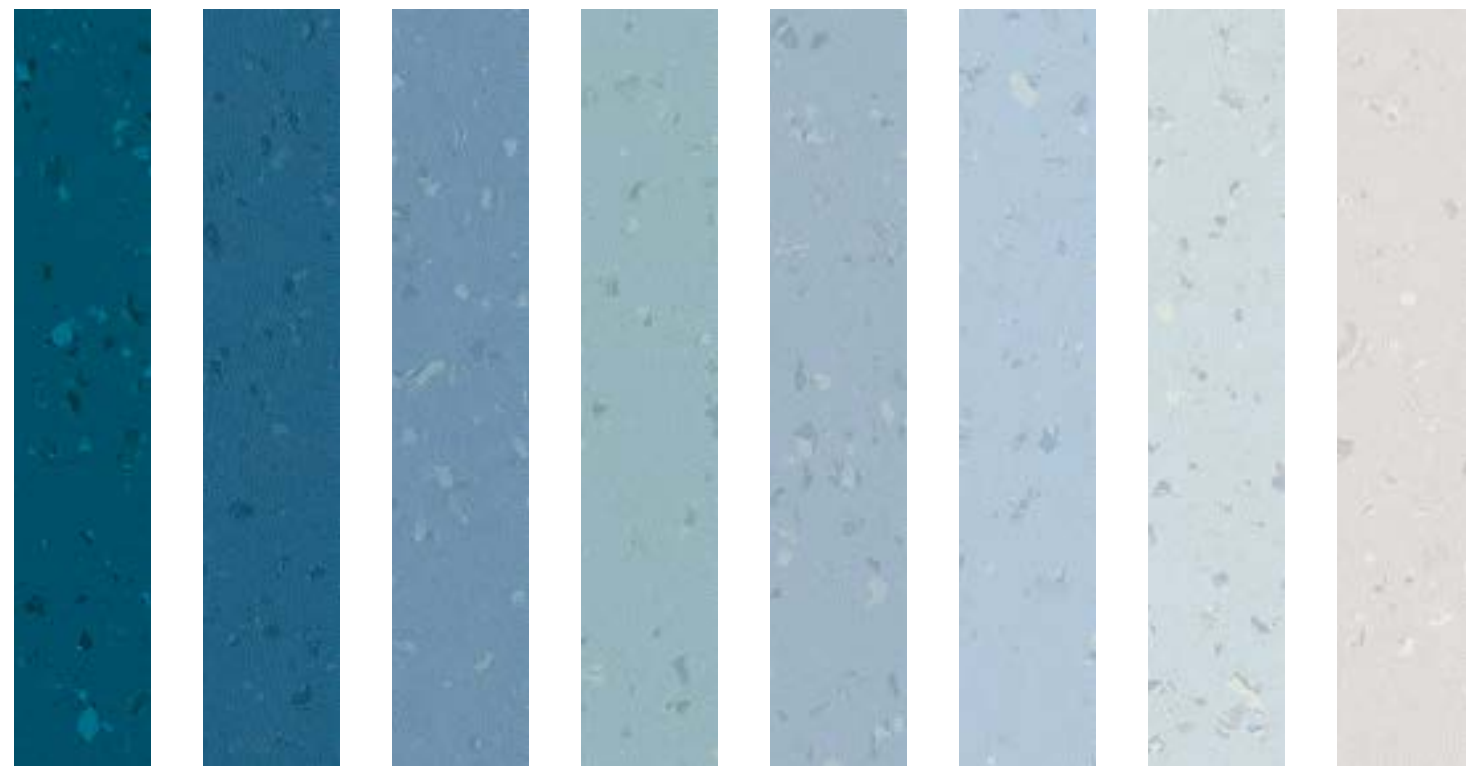
8655
Hay Grain
LRV 59
NCS S 1515-Y10R
See page 38

GENTLY RIPPLING
WATER REVEALS
SOFT CURVES
AND TRANQUIL
SHADES OF BLUE

Blues

608 Palettone PUR Tile 608 x 608mm 12 shades ⚡ Palettone SD Sheet 2 x 20m 6 shades

- | | | | | | | | |
|---|---|---|--|--|---|---|---|
| 8614
Petrol
LRV 9
NCS S 6030-B10G | 8649
Sapphire Star
LRV 14
NCS S 5030-R90B | 8613
Faded Denim
LRV 28
NCS S 3030-R90B | 8651
Aqua Pura
LRV 41
NCS S 3010-B | 8648
Superior Sky
LRV 43
NCS S 2020-R90B | 8612
Painter's Dream
LRV 54
NCS S 1020-R80B | 8611
Weekend Sky
LRV 64
NCS S 0907-R90B | 8610
Morning Air
LRV 75
NCS S 1002-B50G |
|---|---|---|--|--|---|---|---|



8613
Faded Denim
LRV 28
NCS S 3030-R90B

8648
Superior Sky
LRV 43
NCS S 2020-R90B

8611
Weekend Sky
LRV 64
NCS S 0907-R90B





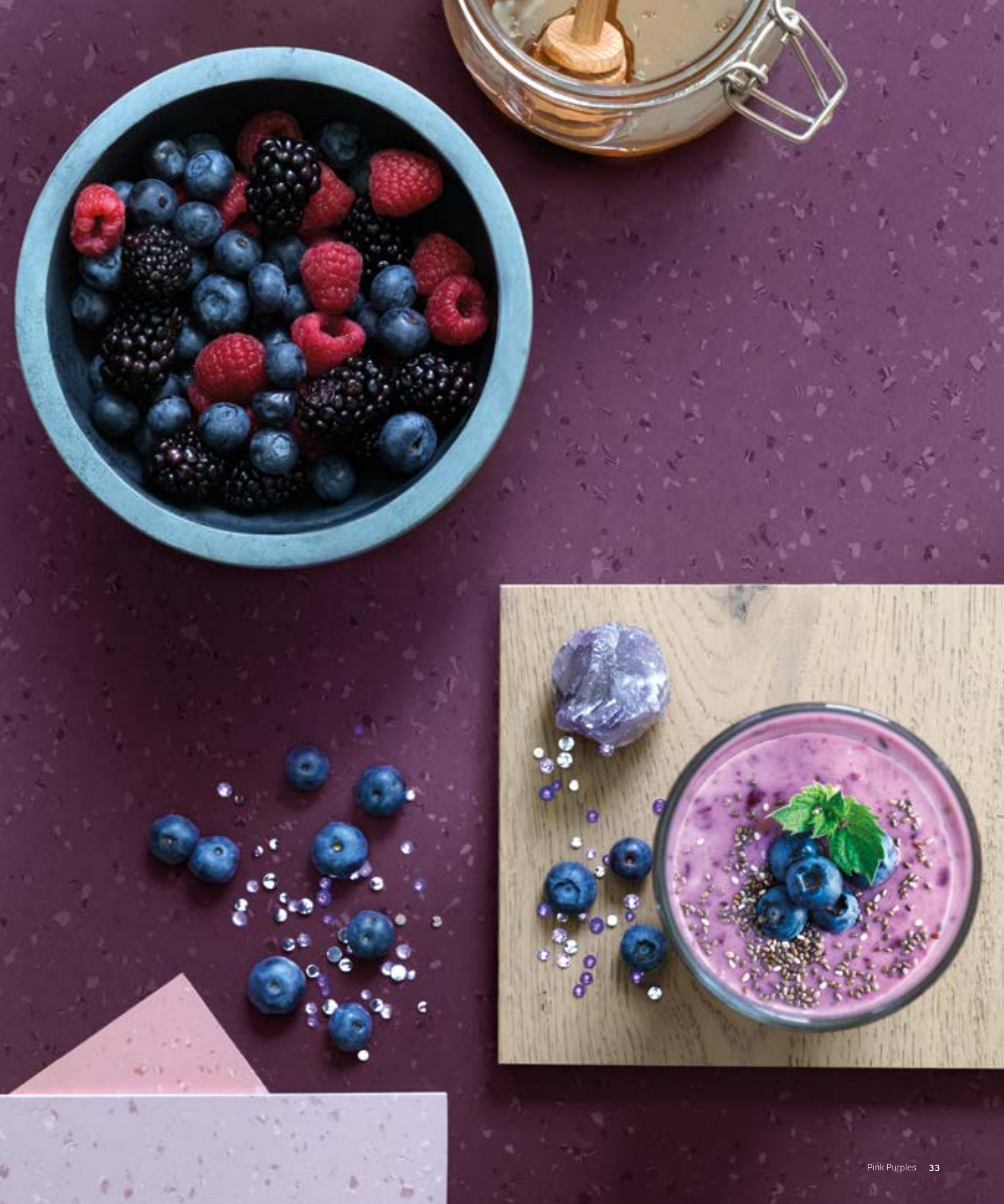
8614
Petrol
LRV 9
NCS S 6030-B10G

8605
Urban Air
LRV 68
NCS S 1002-Y
See page 8

NATURALLY FORMED
CRYSTALS EXPOSE
ALLURING PINK AND
PURPLE TONES

Pink Purples

- | | | | | |
|---------------------------|------------------------|------------------------|---------------------------|------------------------|
| 8629
Regency Room | 8628
Potters Wheel | 8627
Sugar Candy | 8626
Lily Petal | 8625
Blossom Air |
| LRV 10
NCS S 6020-R40B | LRV 35
NCS S 3010-R | LRV 42
NCS S 2020-R | LRV 53
NCS S 2005-R40B | LRV 67
NCS S 1002-R |



8629
Regency Room
LRV 10
NCS S 6020-R40B

8626
Lily Petal
LRV 53
NCS S 2005-R40B





8628
Potters Wheel
LRV 35
NCS S 3010-R

8635
Linen Air
LRV 62
NCS S 1502-Y
See page 8



FALLEN AUTUMN
LEAVES BUILD UP
A DELIGHTFUL
COLLECTION OF
YELLOWS AND REDS



Yellow Reds

608 Palettone PUR Tile 608 x 608mm 12 shades ⚡ Palettone SD Sheet 2 x 20m 6 shades

8634 Heritage Hall LRV 10 NCS S 5040-Y90R	8633 Cayenne Heat LRV 18 NCS S 3060-Y60R	8632 Caramel Kick LRV 20 NCS S 4040-Y40R	8631 Heather Honey LRV 41 NCS S 2050-Y20R	8656 Buttered Corn LRV 48 NCS S 2040-Y10R	8630 New Dawn LRV 49 NCS S 1070-Y10R	8655 Hay Grain LRV 59 NCS S 1515-Y10R	8654 Primed Canvas LRV 60 NCS S 1510-G90Y
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608



8634
Heritage Hall
LRV 10
NCS S 5040-Y90R

8631
Heather Honey
LRV 41
NCS S 2050-Y20R





8633
Cayenne Heat
LRV 18
NCS S 3060-Y60R

8620
Harvest Air
LRV 69
NCS S 1005-Y30R
See page 44

MATURING
BARK FORMS
FASCINATING
BEIGES WITH
CONTRASTING
BROWN SHADOWS

Beige Browns

608 Palettone PUR Tile 608 x 608mm 12 shades ⚡ Palettone SD Sheet 2 x 20m 6 shades

- | | | | | | | |
|---|--|--|---|--|--|---|
| 8638
Sear'd Bister
LRV 17
NCS S 6005-Y20R | 8623
China Clay
LRV 31
NCS S 4010-Y30R | 8646
Pecan Crunch
LRV 39
NCS S 3010-Y20R | 8647
Wild Portabella
LRV 33
NCS S 3010-Y40R | 8622
Foundation
LRV 49
NCS S 2010-Y20R | 8645
Sahara Storm
LRV 48
NCS S 2020-Y30R | 8620
Harvest Air
LRV 69
NCS S 1005-Y30R |
|---|--|--|---|--|--|---|

608

608 ⚡



8638
Seared Bister
LRV 17
NCS S 6005-Y20R

8622
Foundation
LRV 49
NCS S 2010-Y20R



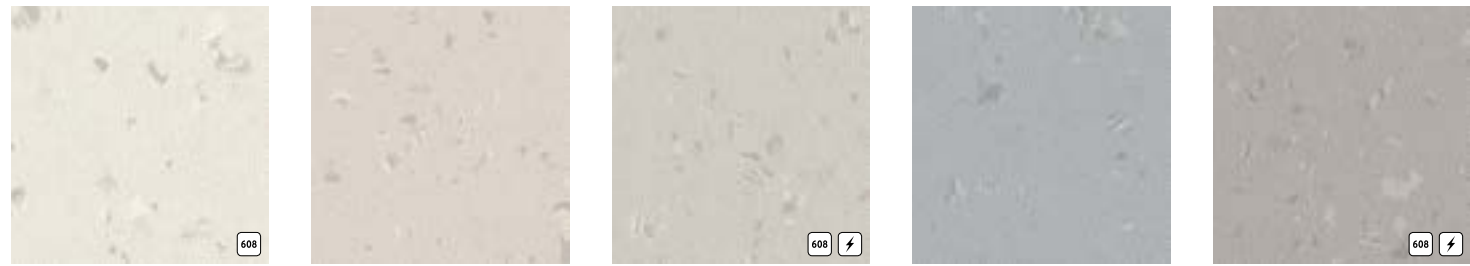


8623
China Clay
LRV 31
NCS S 4010-Y30R

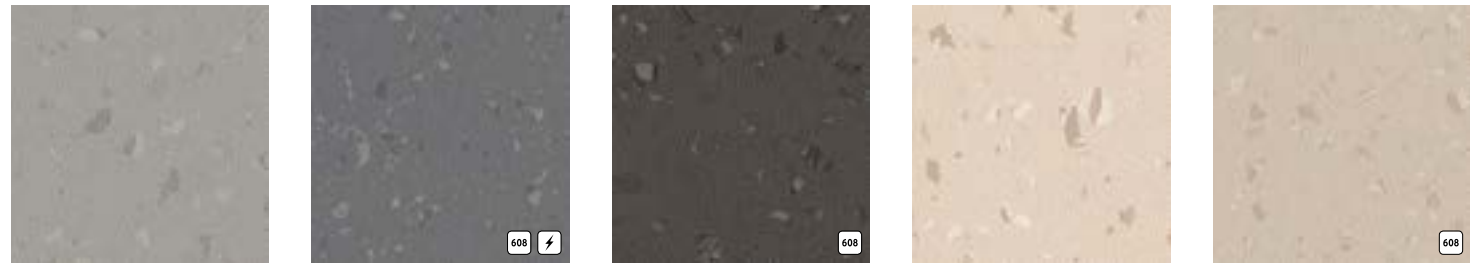
8656
Buttered Corn
LRV 48
NCS S 2040-Y10R
See page 38

8625
Blossom Air
LRV 67
NCS S 1002-R
See page 32

Palettone PUR Collection



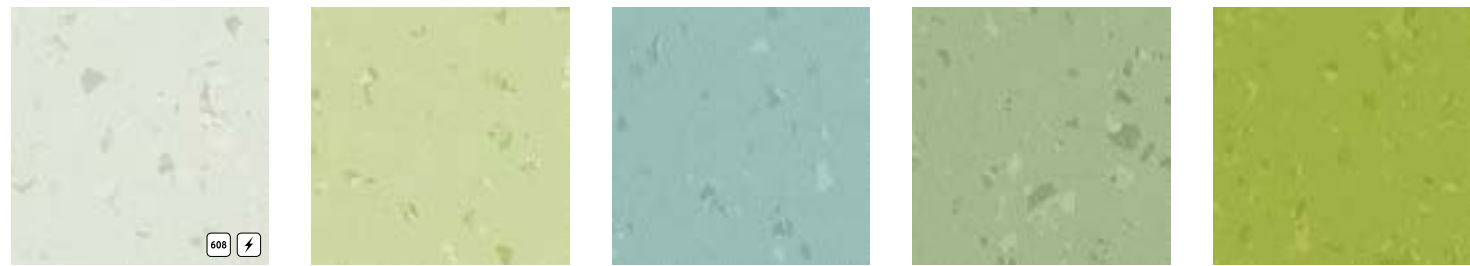
8605 Urban Air w/r 8605 NCS S 1002-Y LRV 68
 8635 Linen Air w/r 9703 NCS S 1502-Y LRV 62
 8606 Frosted Glass w/r 8606 NCS S 2002-G50Y LRV 53
 8636 Cool Blende w/r 9704 NCS S 3005-R80B LRV 43
 8607 Dove Tail w/r 8607 NCS S 3502-R LRV 38



8637 Lunar Landscape w/r 9718 NCS S 4000-N LRV 34
 8608 Pencil Lead w/r 8608 NCS S 6005-B20G LRV 18
 8609 Deep Space w/r 8609 NCS S 7500-N LRV 10
 8621 Natural Cotton w/r 8621 NCS S 1505-Y50R LRV 58
 8641 Earthenware w/r 9716 NCS S 2005-Y50R LRV 49



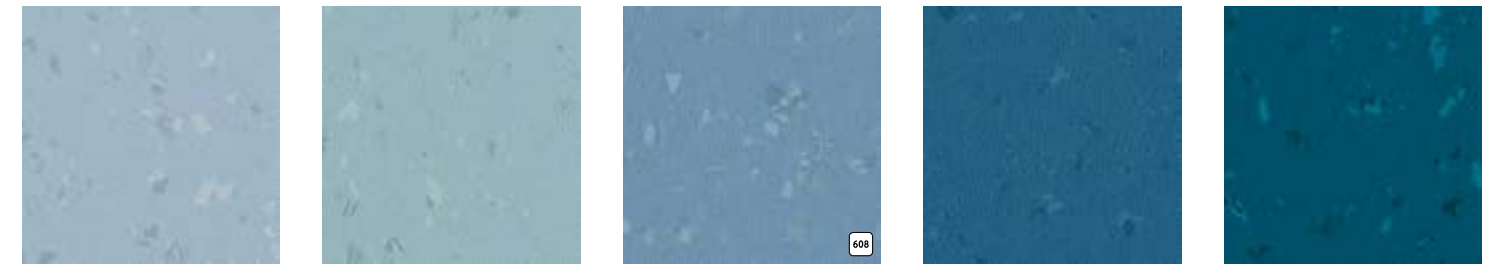
8642 Fired Ochre w/r 9724 NCS S 4005-Y20R LRV 29
 8643 Garden Sage w/r 8643 NCS S 4005-G50Y LRV 32
 8639 Quarrystone w/r 8639 NCS S 5500-N LRV 23
 8644 Dried Tarragon w/r 8644 NCS S 6005-G50Y LRV 17
 8624 Freshly Ground w/r 8624 NCS S 7005-Y20R LRV 12



8615 Woodland Air w/r 8615 NCS S 1005-G20Y LRV 70
 8616 Orchard Walk w/r 8616 NCS S 1020-G40Y LRV 60
 8652 Pennyroyal Mint w/r 9706 NCS S 2020-B50G LRV 45
 8653 Crisp Apple w/r 9708 NCS S 2030-G30Y LRV 40
 8617 Sunshine Meadow w/r 8617 NCS S 2050-G60Y LRV 38



8618 English Garden w/r 8618 NCS S 3050-G40Y LRV 17
 8619 Festival Field w/r 8619 NCS S 5040-G70Y LRV 16
 8610 Morning Air w/r 8610 NCS S 1002-B50G LRV 75
 8611 Weekend Sky w/r 8611 NCS S 0907-R90B LRV 64
 8612 Painter's Dream w/r 8612 NCS S 1020-R80B LRV 54



8648 Superior Sky w/r 9709 NCS S 2020-R90B LRV 43
 8651 Aqua Pura w/r 9710 NCS S 3010-B LRV 41
 8613 Faded Denim w/r 8613 NCS S 3030-R90B LRV 28
 8649 Sapphire Star w/r 9720 NCS S 5030-R90B LRV 14
 8614 Petrol w/r 8614 NCS S 6030-B10G LRV 9



8625 Blossom Air w/r 8625 NCS S 1002-R LRV 67
 8626 Lily Petal w/r 8626 NCS S 2005-R40B LRV 53
 8627 Sugar Candy w/r 8627 NCS S 2020-R LRV 42
 8628 Potters Wheel w/r 8628 NCS S 3010-R LRV 35
 8629 Regency Room w/r 8629 NCS S 6020-R40B LRV 10



8654 Primed Canvas w/r 9701 NCS S 1510-G90Y LRV 60
 8655 Hay Grain w/r 9702 NCS S 1515-Y10R LRV 59
 8630 New Dawn w/r 8630 NCS S 1070-Y10R LRV 49
 8656 Buttered Corn w/r 3580 NCS S 2040-Y10R LRV 48
 8631 Heather Honey w/r 8631 NCS S 2050-Y20R LRV 41



8632 Caramel Kick w/r 8632 NCS S 4040-Y40R LRV 20
 8633 Cayenne Heat w/r 8633 NCS S 3060-Y60R LRV 18
 8634 Heritage Hall w/r 8634 NCS S 5040-Y90R LRV 10
 8620 Harvest Air w/r 8620 NCS S 1005-Y30R LRV 69
 8645 Sahara Storm w/r 9712 NCS S 2020-Y30R LRV 48



8622 Foundation w/r 8622 NCS S 2010-Y20R LRV 49
 8647 Wild Portabella w/r 9713 NCS S 3010-Y40R LRV 33
 8646 Pecan Crunch w/r 9723 NCS S 3010-Y20R LRV 39
 8623 China Clay w/r 8623 NCS S 4010-Y30R LRV 31
 8638 Seared Bister w/r 8638 NCS S 6005-Y20R LRV 17

All Palettone PUR shades feature complementary toned highlights. Decoration and shade may vary slightly from the samples shown.

Palettone PUR Sheet 2 x 20m 50 shades Palettone PUR Tile 608 x 608mm 12 shades Palettone SD Sheet 2 x 20m 6 shades

Palettone PUR Technical Information*



Product Format

Type of floor covering	EN 649 / EN ISO 10581	Homogeneous, PVC
Collection (sheet)		50 shades
Sheet Size	EN 426 / ISO 24341	2 x 20m
Collection (tile)		12 shades
Tile Size	EN 427 / ISO 24342	608 x 608mm
Gauge	EN 428 / ISO 24346	2.0mm
Total Weight	EN 430 / ISO 23997	2800g/m ²
Emboss Finish		Semi-matt
Surface Treatment		PUR
CE Certification		Yes
Product Warranty		15 years

Performance Requirements

General Performance	EN 649 / EN ISO 10581	Conforms
	ASTM F1913	Conforms
	ASTM F1700	Conforms
Performance Classification		34: Very heavy commercial
	EN 685 / ISO 10874	43: Heavy industrial
		23: Heavy domestic
Reaction to Fire	EN 13501-1	Class Bfl-S1
	ASTM E662	< 450
	ASTM E648	Class 1
	CAN/ULC S102.2	FSV < 300; SDV < 500
	AS ISO 9239-1	Class B
Abrasion Resistance	EN 660-2	Group T
Binder Content	EN ISO 10581	Type I
Slip Resistance	EN 13893	Class DS
	AS 4586	R10
Residual Indentation	DIN 51130	R10
	ASTM F970 (Modified)	< 0.125mm
Electrical Behaviour	EN ISO 24343-1	≤ 0.1mm
	EN 1815	≤ 2kV Classified as 'antistatic'
Castor Chair	EN 425 / ISO 4918	Suitable
Agrément Assurance	Polyflor Palettone PUR has been independently assessed by the British Board of Agrément and product performance is assured for at least 10 years in recommended use areas. With proper maintenance the appearance and colour will be retained during this period.	
Underfloor Heating	EN 1264-2	Suitable, max 27°C
Thermal Conductivity	EN 12524	0.25W/m.K
Dimensional Stability	EN 434 / EN ISO 23999	≤ 0.40%

Acoustic Performance

Impact Sound Reduction	ISO 10140-3	2dB
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VOCs

VOC Emissions	Indoor Air Comfort GOLD	Eurofins certified product
	Floorscore	Certified
	Finnish M1 Classification	Pass
	TVOC after 28 days	≤ 10mg/m ³

Environmental

Environmentally Preferable	BRE Global Environment	Generic A+ in major commercial use areas
	Recycled Content	25%
	Recyclable	100%
	Phthalates	Phthalate-free
	Bio-Plasticiser	Contains Bio-Plasticiser
	Recofloor	Access to the scheme
	REACH	Compliant
	ISO 9001	Quality Management System
ISO 14001	Environmental Management System	

Hygiene

Biological Resistance	ISO 846 Part C	Good
Clean Rooms	ISO 14644-1	Class 4
Ease of Radioactive Decontamination	ISO 8690	Excellent
Hygiene Statement	All Polyflor commercial sheet vinyl ranges provide a continuous, impervious and hygienic flooring solution which can be confidently cleaned in accordance with recommended maintenance procedures and approved maintenance products. The implementation of an effective cleaning regime is the most important defence against infection.	

Maintenance Performance

Alco hand gels	Compatible for use with most commonly used alco-based hand gels	
Steam Cleaning	Suitable for steam cleaning on a periodic basis	
Staining & Resistance to Chemicals	EN 423 / ISO 26987	Low stain.
		Excellent resistance to dilute acids & alkalis.
Light Fastness	ISO 105-B02 Method 3	Chemical Resistance Charts available upon request
		≥ 6
Light Reflectance Values	BS 8493	Available by shade for optimal choice



Manufacturing in the UK since 1915

Polyflor has for many decades been recognised as a leading global manufacturer of high quality, high performance sustainable floor coverings. With proven pedigree in the manufacture of homogeneous floor coverings, Palettone is the latest collection to be developed and manufactured at our UK facility based in Manchester.

Homogeneous flooring – product construction

Palettone PUR is a 2mm flexible PVC flooring and is manufactured by calendaring and pressing to ensure a dense, smooth surface. With its monolayer construction for even wear and 100% useful life, Palettone PUR is available in sheet format (2m x 20m) and 608 x 608mm tile (12 shades). Where static control is a key requirement, Palettone SD is available in sheet format (2m x 20m) in 6 shades.

Cleaning and maintenance

'Good' or regular maintenance can reduce wear and ultimately improve the life expectancy of the floor covering.

Following the continued market demand for easier to clean floors and reduction in lifecycle maintenance costs, Palettone features a high quality,

cross-linked, UV cured polyurethane reinforcement that protects the floor covering by resisting soiling and scuffing.

Combined with the superior closed surface finish, this enhanced protection allows the use of a polish-free maintenance regime for the lifetime of the flooring and ensures the intensity of maintenance and overall cleaning costs are significantly reduced. This easier maintenance regime will lead to significant cost savings of 48% over the life of the product when compared with untreated products, including a reduction of the use of cleaning chemicals, water and energy.

To assist with the maintenance of a clean and safe healthcare environment, detailed floorcare guidance is available for Palettone PUR, along with a list of cleaning products approved for use with Polyflor floor coverings. See www.polyflor.com/technical for further information. In addition, in areas where hygiene is paramount, Palettone has been independently tested and results demonstrate a good overall result to biological resistance (ISO 846, C). All Polyflor commercial grade vinyl sheet can be confidently cleaned and an effective cleaning regime remains the most important defence against infection.

*For Palettone SD technical specification, please refer to p59. The data presented is correct at the time of printing. For latest information, please visit our website www.polyflor.com



Sustainability

Choosing an environmentally preferable product from Polyflor means zero compromise in the function of the product.

At Polyflor we are clear in our belief that there is no reason that our customers need to compromise on performance, choice or budget in order to use products with the lowest environmental impact.

We do not manufacture a specific range of environmental flooring, we manufacture vast ranges of the highest quality, BRE rated commercial flooring with a level of performance and benefits in use which also result in class leading environmental features.



Designed to support living well with dementia

Designs that promote harmony and wellbeing through the creation of a sense of calm are important to resident comfort and welfare, particularly for those living with dementia.

There are specific aspects of flooring design and specification which can be considered to ensure residents are comfortable and feel at ease. These include the use of flooring with a matt appearance and the use of natural colours and effects.

Palettone, with a solid colour base and complementary toned highlights is suitable to be used in a dementia-friendly environment. The palette's broad collection of colours spans neutrals, mid-tones and warm earth tones for depth and choice. When part of the complete design concept, the choice of floor coverings can have a major impact on the 'feel' of an area designed for the needs of residents living with different forms of dementia.

Preparation and installation

The quality of a finished installation can be very much dependent upon the preparation of the subfloor and the attention paid to the recommendations made in various local codes of practice and by the manufacturers of the component parts.

To achieve best results, site conditions should be as described in BS 8203 or prevailing local/national standards and conditioning should be carried out in the same room or areas as the installation.

Use of the correct adhesives is an integral part of a successful installation. For details of the Polyflor Approved Adhesives for Palettone, contact the Customer Technical Services Department (tech@polyflor.com) or visit us online at www.polyflor.com.

For full details of the installation of Palettone sheet, tile and SD sheet, see the Polyflor Technical Information Manual online at www.polyflor.com/technical or email tech@polyflor.com.



Low VOC emissions

Contemporary non-directional, semi-matt emboss for even distribution of light reflectance

Resists soiling and scuffing

Polyflor Ejecta vinyl flooring accessories

Where hygiene is important, Polyflor Homogeneous sheet flooring may be coved using the Polyflor Ejecta ranges of flooring accessories. These are PVC extrusions designed for use with Palettone and include set-in coved skirtings, sit-on coved skirtings, cove former, capping strip and CT strip and ensures a sealed surface.

Polyflor recommends that all Polyflor vinyl sheet and 608 x 608mm tile flooring is welded to produce hygienic, continuous floors.

Weld rods are available by shade to match individual Palettone colours allowing seams to match or contrast with the floor finish.



All images are for illustrative purposes only and feature cold-welded seams.

Light Reflectance Values (LRVs)


























Optimal Choice


























LRVs can be used to show compliance and understanding of various building regulations within hospitals, schools and the commercial environment and represent a relative light and dark value rather than an actual colour.

LRVs are expressed on a scale of 0-100 where absolute black has a value of 0 and absolute white has a value of 100.

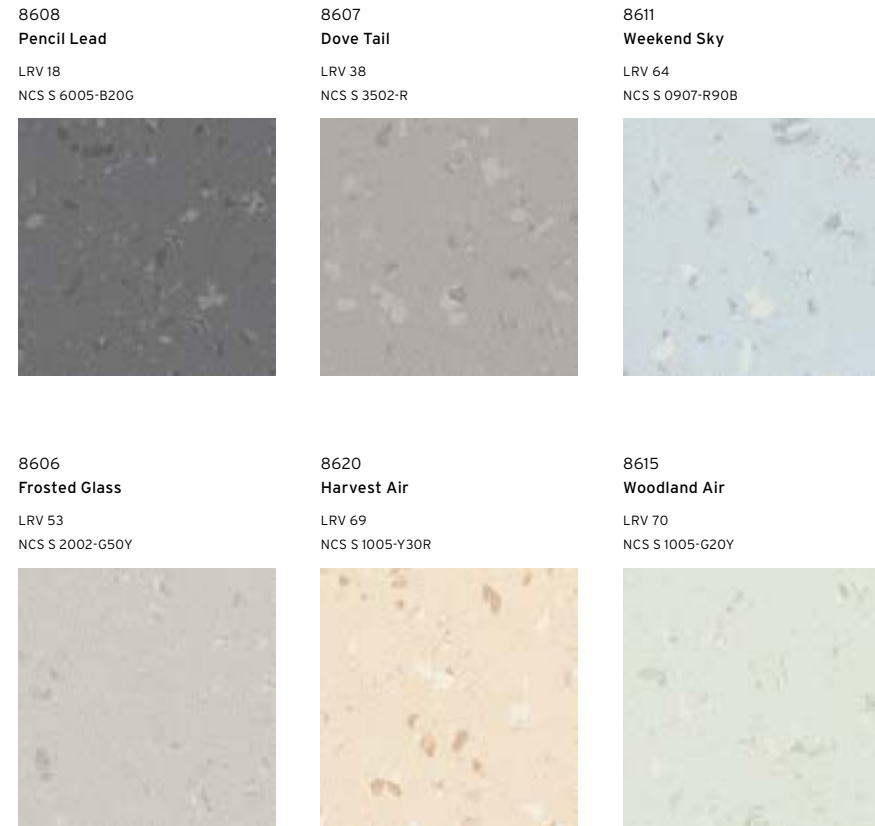
As a universal value for 'contrast', the minimum of 30 points of LRV difference is specified to ensure sufficient contrast between adjacent surfaces for the visually impaired.

To help support a proposed design scheme, the Light Reflectance Values for Palettone PUR and Palettone SD are listed here highlighting the depth and choice available from within the collection.

	LRV	Code	Name	Page
	9	8614	Petrol	26
	10	8609	Deep Space	8
	10	8629	Regency Room	32
	10	8634	Heritage Hall	38
	12	8624	Freshly Ground	14
	14	8649	Sapphire Star	26
	16	8619	Festival Field	20
	17	8638	Seared Bister	44
	17	8618	English Garden	20
	17	8644	Dried Tarragon	14
	18	8608	Pencil Lead	8
	18	8633	Cayenne Heat	38
	20	8632	Caramel Kick	38
	23	8639	Quarystone	14
	28	8613	Faded Denim	26
	29	8642	Fired Ochre	14
	31	8623	China Clay	44
	32	8643	Garden Sage	14
	33	8647	Wild Portabella	44
	34	8637	Lunar Landscape	8
	35	8628	Potters Wheel	32
	38	8617	Sunshine Meadow	20
	38	8607	Dove Tail	8
	39	8646	Pecan Crunch	44
	40	8653	Crisp Apple	20

	LRV	Code	Name	Page
	41	8631	Heather Honey	38
	41	8651	Aqua Pura	26
	42	8627	Sugar Candy	32
	43	8636	Cool Blende	8
	43	8648	Superior Sky	26
	45	8652	Pennyroyal Mint	20
	48	8645	Sahara Storm	44
	48	8656	Buttered Corn	38
	49	8630	New Dawn	38
	49	8622	Foundation	44
	49	8641	Earthenware	14
	53	8606	Frosted Glass	8
	53	8626	Lily Petal	32
	54	8612	Painter's Dream	26
	58	8621	Natural Cotton	14
	59	8655	Hay Grain	38
	60	8616	Orchard Walk	20
	60	8654	Primed Canvas	38
	62	8635	Linen Air	8
	64	8611	Weekend Sky	26
	67	8625	Blossom Air	32
	68	8605	Urban Air	8
	69	8620	Harvest Air	44
	70	8615	Woodland Air	20
	75	8610	Morning Air	26

Palettone SD Sheet



Engineered for ESD protection

Polyflor Static Dissipative products are engineered for use where static control is required and are homogeneous in construction, ensuring that these properties are present throughout the product, guaranteeing a consistent and effective appearance and performance.

Palettone SD is ideal for use in telecommunications installations, computer rooms, electronic manufacturing and healthcare facilities, such as scanner rooms, X-ray suites and operating theatres.

Adhesives

Polyflor advises the use of a recommended conductive adhesive for all Static Control floor coverings and contact adhesive for earthing strips.

Installation

The basic techniques for installation of Palettone SD are the same as per homogeneous sheet and for more specific details see the Polyflor Technical Manual.

Floorcare

Polyflor approved conductive polishes may be used, in accordance with the manufacturers' instructions. Standard polishes should not be applied.

When specifying a Polyflor ESD vinyl floor covering, Polyflor recommends that you discuss your requirements with our Customer Technical Services Team (tech@polyflor.com).

Palettone SD Technical Information

Product Format

Type of floor covering	EN 649 / EN ISO 10581	Homogeneous, PVC with static dissipative properties
Collection (sheet)		6 shades
Sheet Size	EN 426 / ISO 24341	2m x 20m
Gauge	EN 428 / ISO 24346	2.0mm
Total Weight	EN 430 / ISO 23997	3030g/m ²
Emboss Finish		Semi-matt
CE Certification		Yes
Product Warranty		10 years

Performance Requirements

General Performance	EN 649 / EN ISO 10581	Conforms
	ASTM F1913	Conforms
Performance Classification	EN 685 / ISO 10875	34: Very heavy commercial 43: Heavy industrial
	EN 13501-1	Class Bfl-S1
	ASTM E648	Class 1
	ASTM E662	<450
	CAN/ULC S102.2	FSV < 300; SDV < 500
	AS ISO 9239-1	>8.0Kw/sm
Abrasion Resistance	EN 660-2	Group P
Binder Content	EN 13893	Class DS
	EN 10581	Type I
Slip Resistance	AS 4586	R9
	DIN 51130	R9
Electrical Behaviour	EN 1081 R1/R2	<10 ⁹ ohms
	ESD S 7.1	1 x 10 ⁶ - 1 x 10 ⁹ ohms
	BS IEC 61340-4-5	Conform to maximum voltage generation of <100 Volts and resistance to earth of <1 x 10 ⁹ ohms Product requires minimum 40% RH
Electrical Behaviour (body voltage)	EN 1815	<2kV
Agrément Assurance	Polyflor Palettone PUR has been independently assessed by the British Board of Agreement and product performance is assured for at least 10 years in recommended use areas. With proper maintenance the appearance and colour will be retained during this period.	
Underfloor Heating	EN 1264-2	Suitable, max 27°C
Thermal Conductivity	EN 12524	0.25W/m.K
Dimensional Stability	EN 434 / EN ISO 23999	≤0.40%

VOCs

VOC Emissions	Indoor Air Comfort GOLD	Eurofins certified product
	Floorscore	Certified
	Finnish MI Classification	Pass

Environmental

Environmentally Preferable	BRE Global Environment	Generic A+ in major commercial use areas
	Environmental Product Declaration	EN 15804
	Recycled Content	25%
	Recyclable	100%
	Phthalates	Phthalate-free
	Bio-Plasticiser	Contains Bio-Plasticiser
	Recofloor	Access to the scheme
	REACH	Compliant
ISO 9001	Quality Management System	
ISO 14001	Environmental Management System	

Hygiene

Clean Rooms	ISO 14644-1	Class 3
Hygiene Statement	All Polyflor commercial sheet vinyl ranges provide a continuous, impervious and hygienic flooring solution which can be confidently cleaned in accordance with recommended maintenance procedures and approved maintenance products. The implementation of an effective cleaning regime is the most important defence against infection.	

Maintenance Performance

Alco hand gels	Compatible for use with most commonly used alco-based hand gels	
Staining & Resistance to Chemicals	EN 423 / ISO 26987	Low stain.
		Excellent resistance to dilute acids & alkalis.
		Chemical Resistance Charts available upon request
Light Fastness	ISO 105-B02 Method 3	≥ 6
Light Reflectance Values	BS 8493	Available by shade for optimal choice

The data presented is correct at the time of printing. For latest information, please visit our website www.polyflor.com

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