



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.

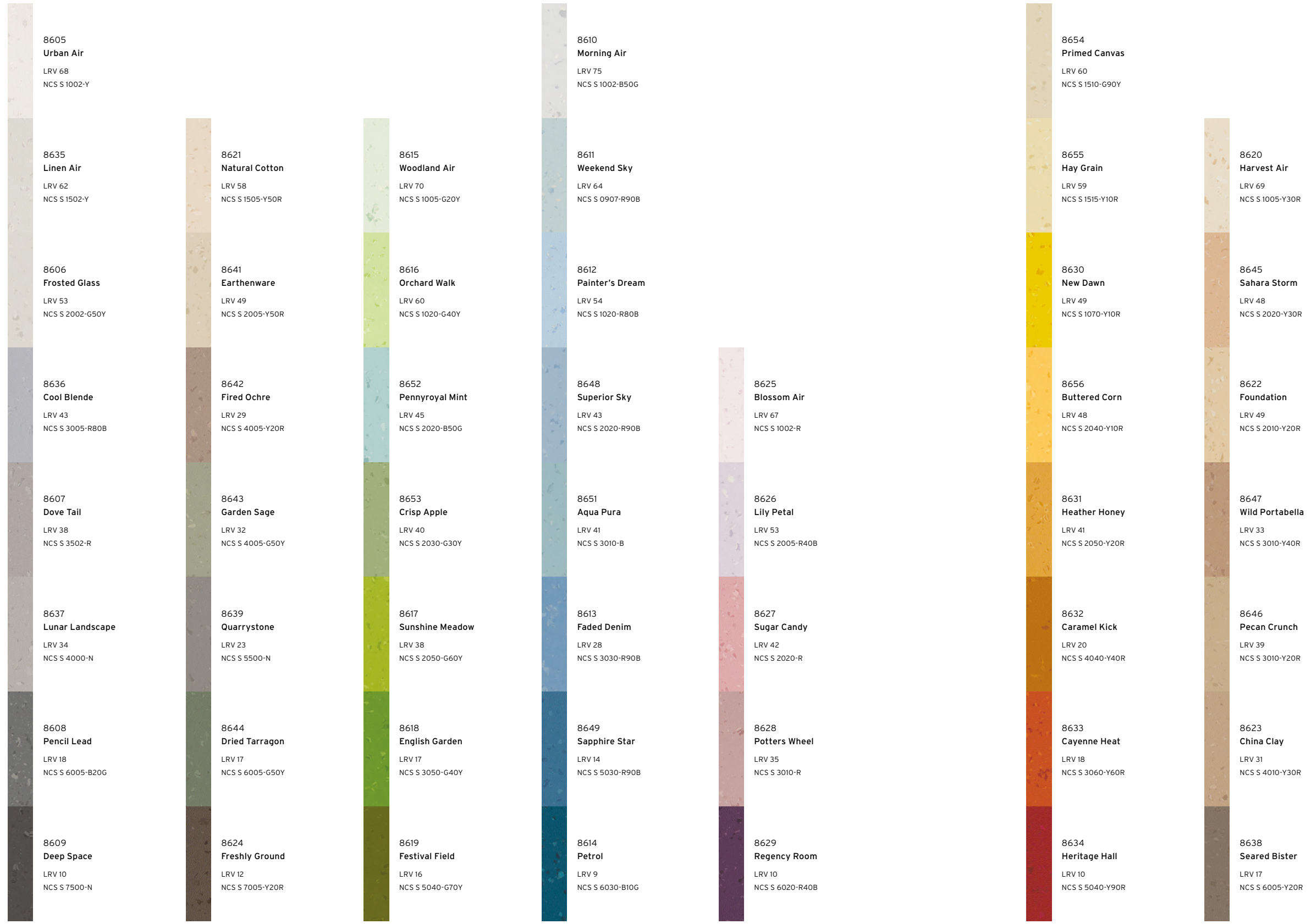
Discover a new world of colour

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

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



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

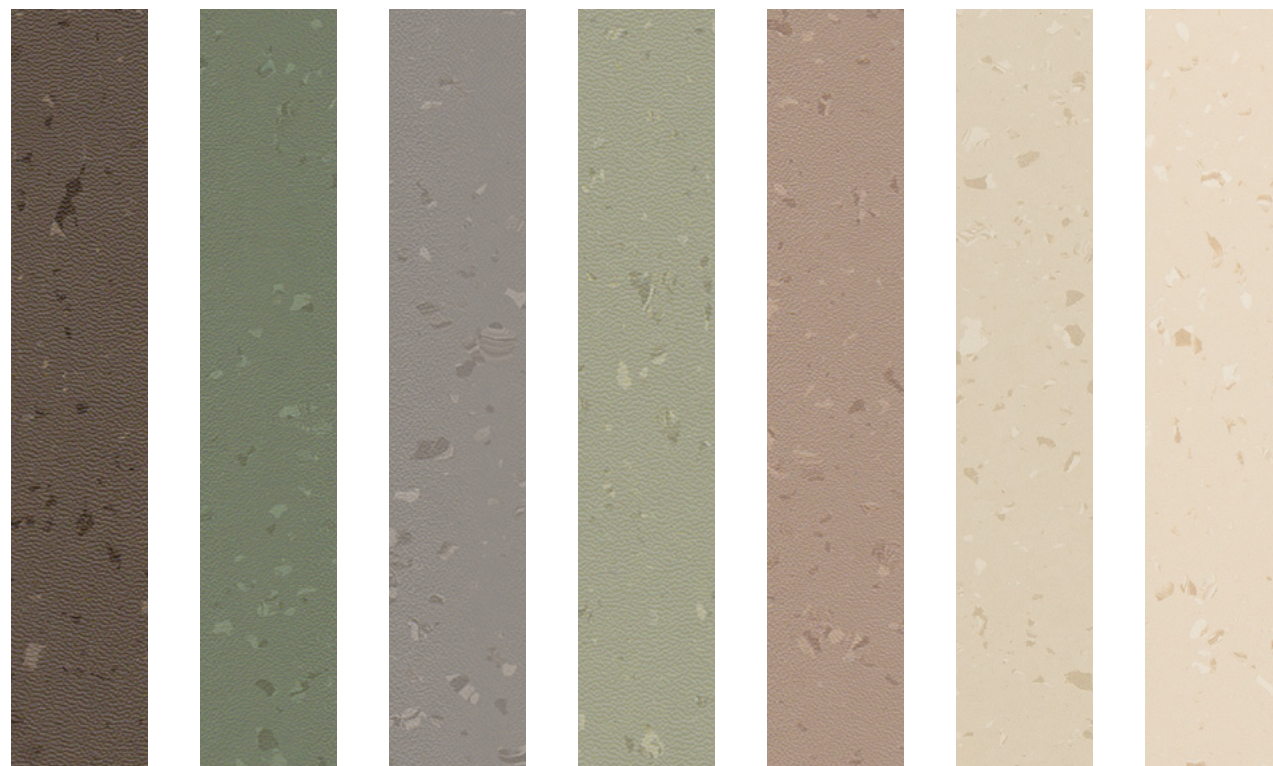
WINDSWEPT
SAND CREATES
WARM TONES AS
THE RECEDING
SUNLIGHT HITS
EACH PEAK

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

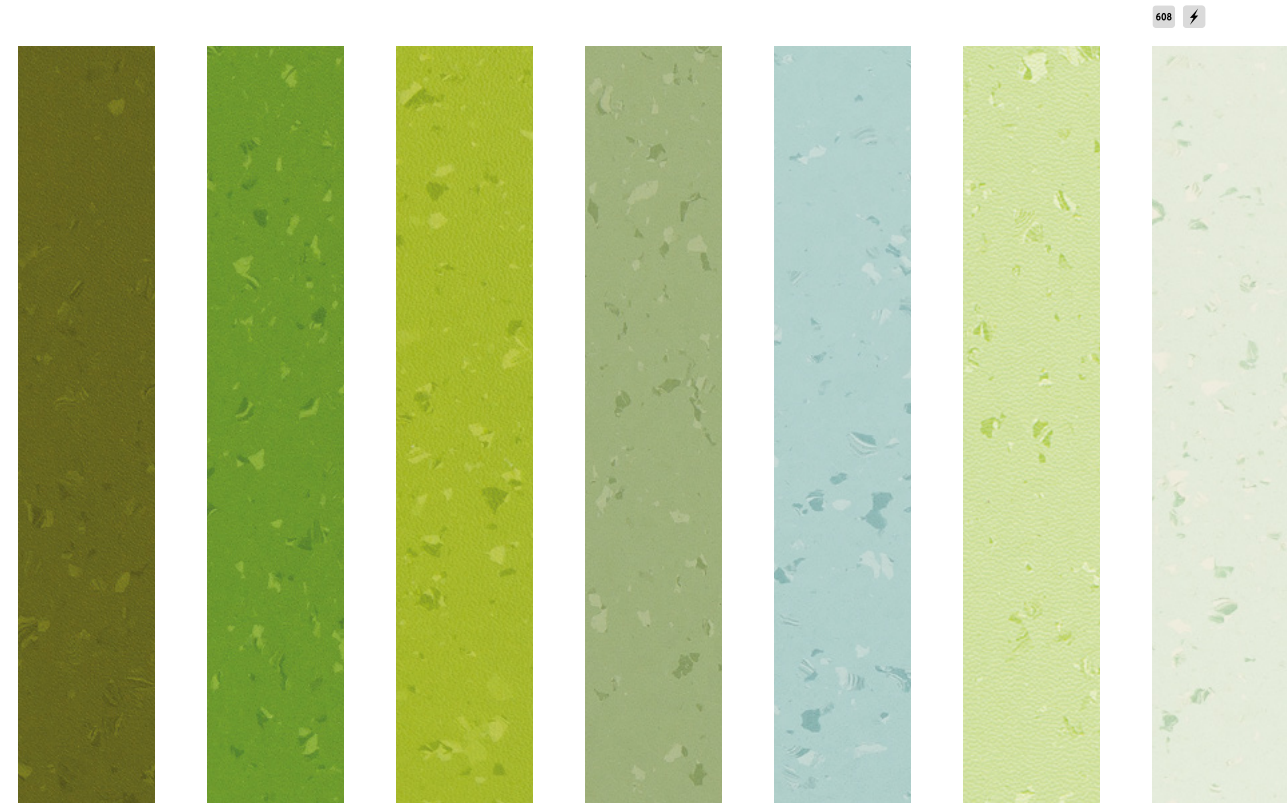
8647
Wild Portabella
LRV 33
NCS S 3010-Y40R
See page 44

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
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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

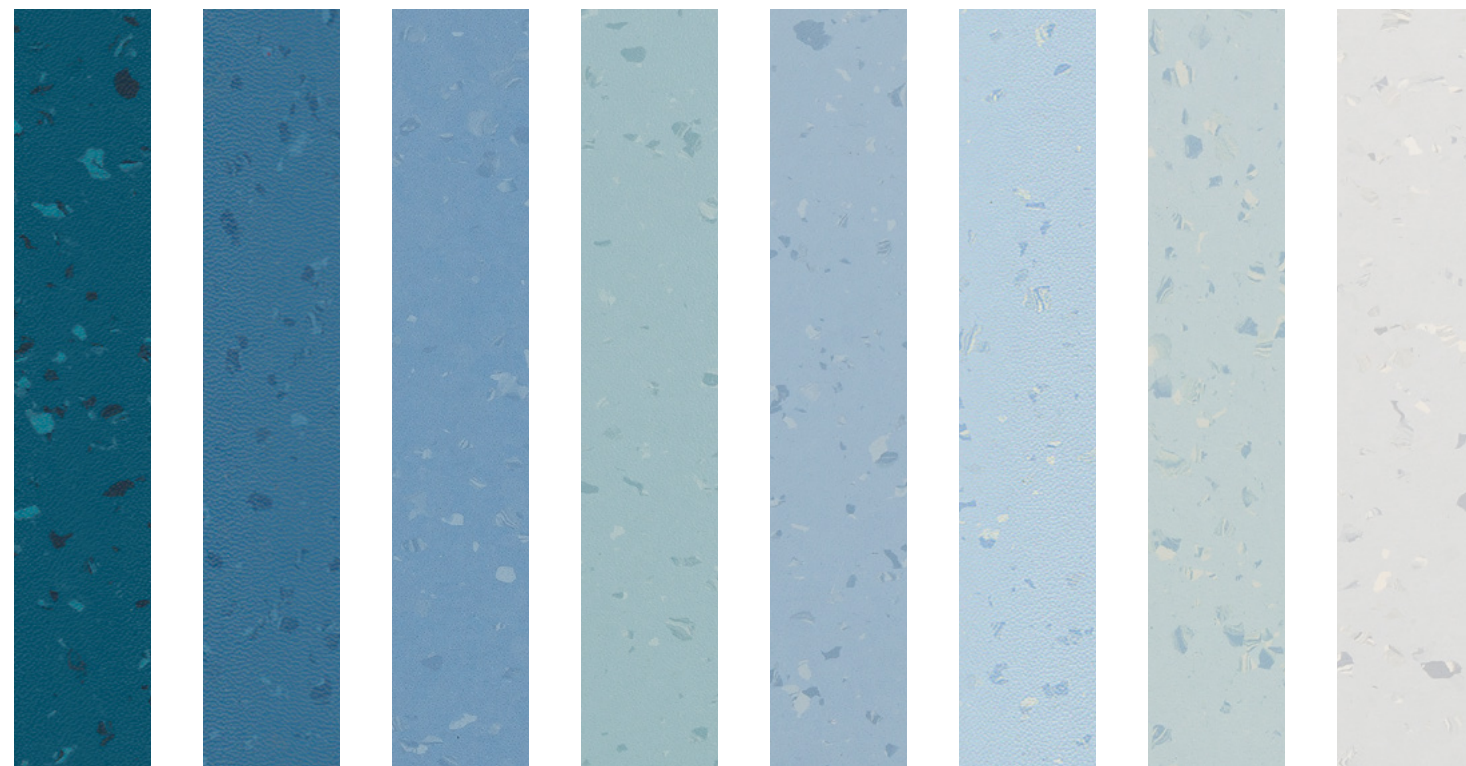
8655
Hay Grain
LRV 59
NCS S 1515-Y10R
See page 38

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





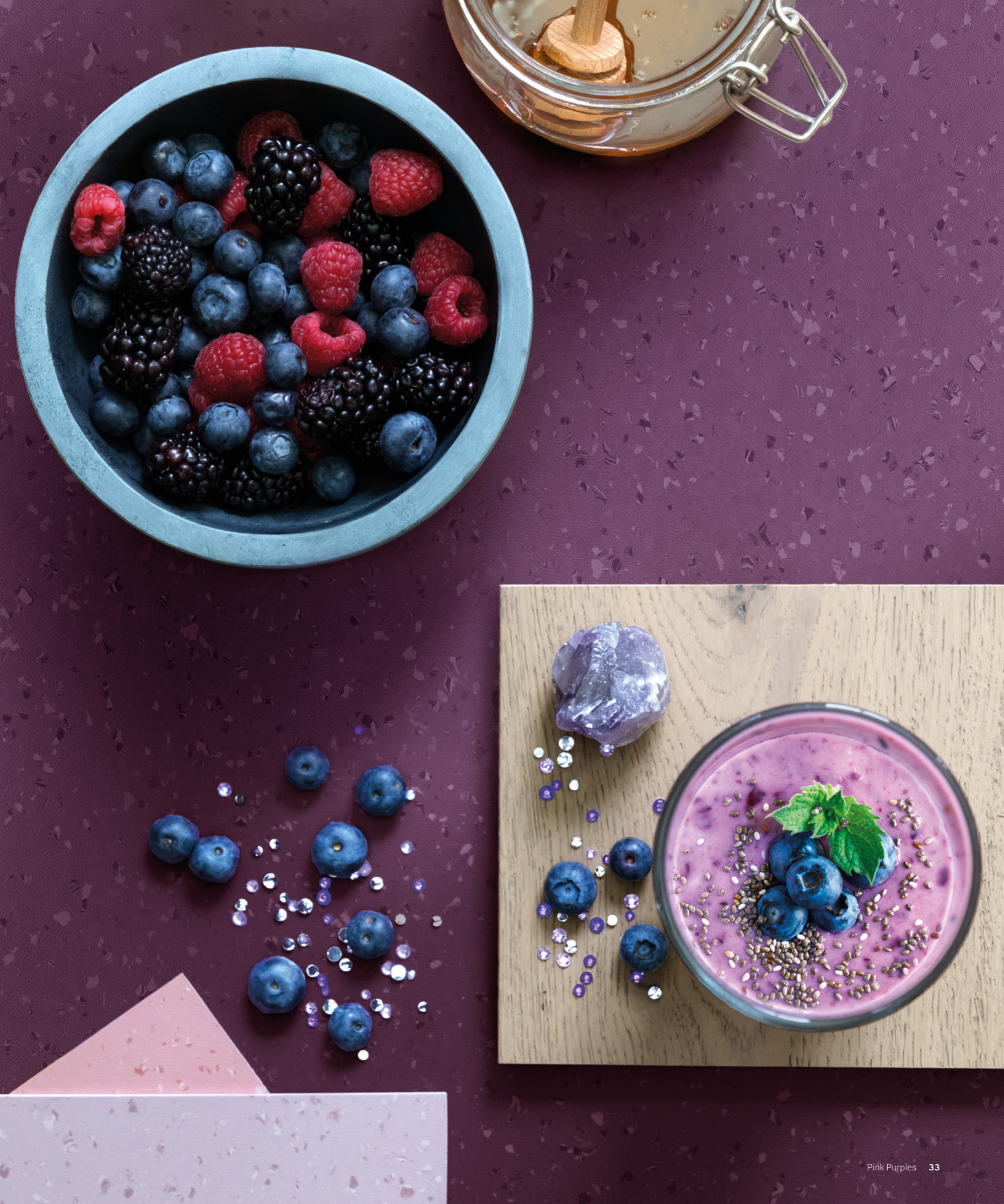
8614
Petrol
LRV 9
NCS S 6030-B10G

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



8638
Seared Bister
LRV 17
NCS S 6005-Y20R

8622
Foundation
LRV 49
NCS S 2010-Y20R







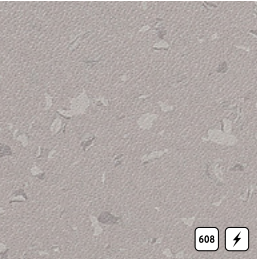
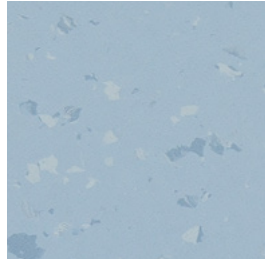
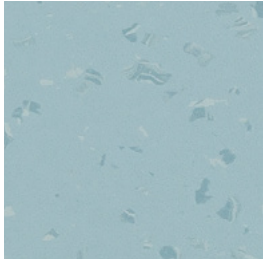
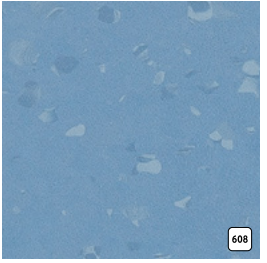
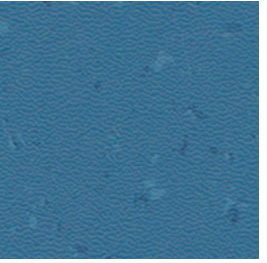
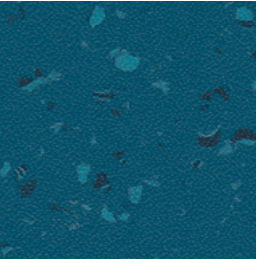

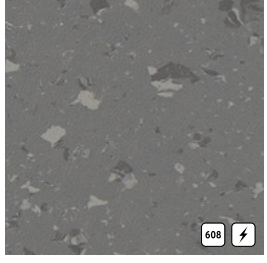
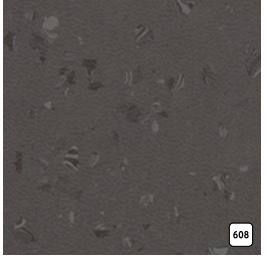
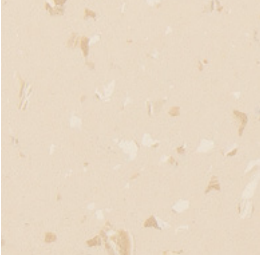
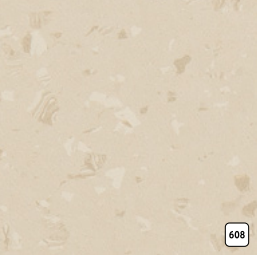

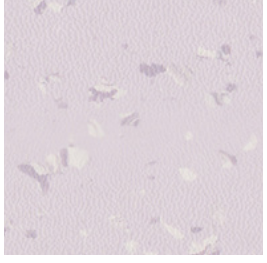

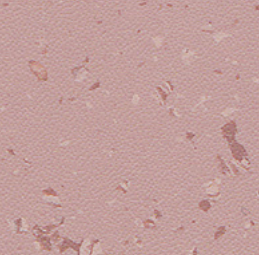
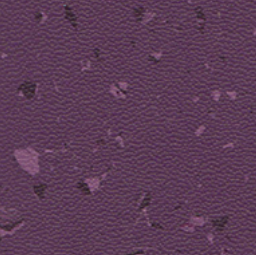
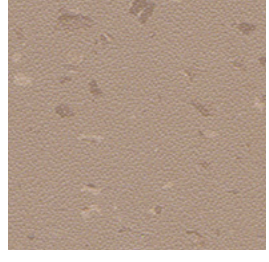
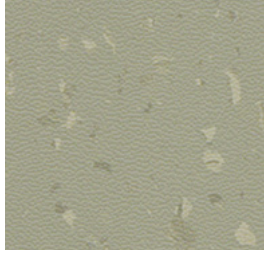
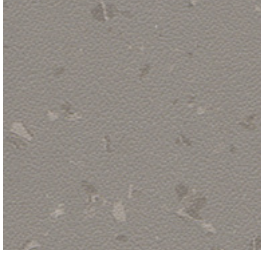
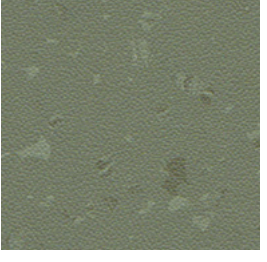
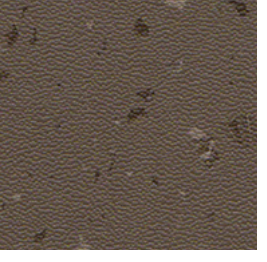








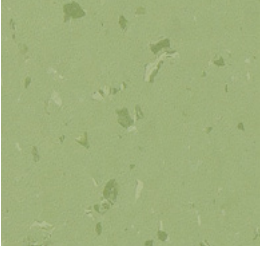


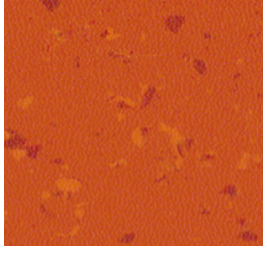



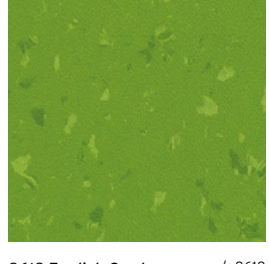
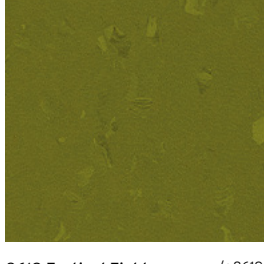


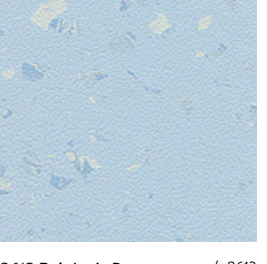

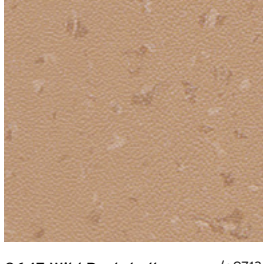

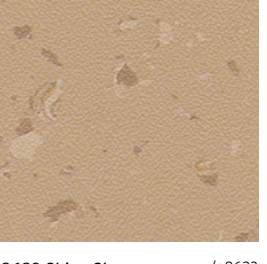
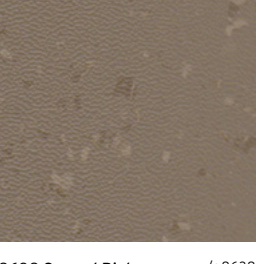


8623
China Clay
LRV 31
NCS S 4010-Y30R

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 NCS S 1002-Y	w/r 8605 LRV 68	8635 Linen Air NCS S 1502-Y	w/r 9703 LRV 62	8606 Frosted Glass NCS S 2002-G50Y	w/r 8606 LRV 53	8636 Cool Blende NCS S 3005-R80B	w/r 9704 LRV 43	8607 Dove Tail NCS S 3502-R	w/r 8607 LRV 38	8648 Superior Sky NCS S 2020-R90B	w/r 9709 LRV 43	8651 Aqua Pura NCS S 3010-B	w/r 9710 LRV 41	8613 Faded Denim NCS S 3030-R90B	w/r 8613 LRV 28	8649 Sapphire Star NCS S 5030-R90B	w/r 9720 LRV 14	8614 Petrol NCS S 6030-B10G	w/r 8614 LRV 9
																			
8637 Lunar Landscape NCS S 4000-N	w/r 9718 LRV 34	8608 Pencil Lead NCS S 6005-B20G	w/r 8608 LRV 18	8609 Deep Space NCS S 7500-N	w/r 8609 LRV 10	8621 Natural Cotton NCS S 1505-Y50R	w/r 8621 LRV 58	8641 Earthenware NCS S 2005-Y50R	w/r 9716 LRV 49	8625 Blossom Air NCS S 1002-R	w/r 8625 LRV 67	8626 Lily Petal NCS S 2005-R40B	w/r 8626 LRV 53	8627 Sugar Candy NCS S 2020-R	w/r 8627 LRV 42	8628 Potters Wheel NCS S 3010-R	w/r 8628 LRV 35	8629 Regency Room NCS S 6020-R40B	w/r 8629 LRV 10
																			
8642 Fired Ochre NCS S 4005-Y20R	w/r 9724 LRV 29	8643 Garden Sage NCS S 4005-G50Y	w/r 8643 LRV 32	8639 Quarrystone NCS S 5500-N	w/r 8639 LRV 23	8644 Dried Tarragon NCS S 6005-G50Y	w/r 8644 LRV 17	8624 Freshly Ground NCS S 7005-Y20R	w/r 8624 LRV 12	8654 Primed Canvas NCS S 1510-G90Y	w/r 9701 LRV 60	8655 Hay Grain NCS S 1515-Y10R	w/r 9702 LRV 59	8630 New Dawn NCS S 1070-Y10R	w/r 8630 LRV 49	8656 Buttered Corn NCS S 2040-Y10R	w/r 3580 LRV 48	8631 Heather Honey NCS S 2050-Y20R	w/r 8631 LRV 41
																			
8615 Woodland Air NCS S 1005-G20Y	w/r 8615 LRV 70	8616 Orchard Walk NCS S 1020-G40Y	w/r 8616 LRV 60	8652 Pennyroyal Mint NCS S 2020-B50G	w/r 9706 LRV 45	8653 Crisp Apple NCS S 2030-G30Y	w/r 9708 LRV 40	8617 Sunshine Meadow NCS S 2050-G60Y	w/r 8617 LRV 38	8632 Caramel Kick NCS S 4040-Y40R	w/r 8632 LRV 20	8633 Cayenne Heat NCS S 3060-Y60R	w/r 8633 LRV 18	8634 Heritage Hall NCS S 5040-Y90R	w/r 8634 LRV 10	8620 Harvest Air NCS S 1005-Y30R	w/r 8620 LRV 69	8645 Sahara Storm NCS S 2020-Y30R	w/r 9712 LRV 48
																			
8618 English Garden NCS S 3050-G40Y	w/r 8618 LRV 17	8619 Festival Field NCS S 5040-G70Y	w/r 8619 LRV 16	8610 Morning Air NCS S 1002-B50G	w/r 8610 LRV 75	8611 Weekend Sky NCS S 0907-R90B	w/r 8611 LRV 64	8612 Painter's Dream NCS S 1020-R80B	w/r 8612 LRV 54	8622 Foundation NCS S 2010-Y20R	w/r 8622 LRV 49	8647 Wild Portabella NCS S 3010-Y40R	w/r 9713 LRV 33	8646 Pecan Crunch NCS S 3010-Y20R	w/r 9723 LRV 39	8623 China Clay NCS S 4010-Y30R	w/r 8623 LRV 31	8638 Seared Bister NCS S 6005-Y20R	w/r 8638 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	ISO 10581 (EN 649)	Homogeneous, PVC
Collection (sheet)		50 shades
Sheet Size	ISO 24341 (EN 426)	2 x 20m
Collection (tile)		12 shades
Tile Size	ISO 24342 (EN 427)	608 x 608mm
Gauge	ISO 24346 (EN 428)	2.0mm
Total Weight	ISO 23997 (EN 430)	2800g/m ²
Emboss Finish		Semi-matt
Surface Treatment		PUR
CE Certification		Yes
Product Warranty		15 years

Performance Requirements

General Performance	ISO 10581 (EN 649)	Conforms
	ASTM F1913	Conforms
	ASTM F1700	Class I, Type A
Performance Classification		34: Very heavy commercial
	ISO 10874 (EN 685)	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	>8.0 kW/m ²
Abrasion Resistance	EN 660-2	Group T
Binder Content	ISO 10581	Type I
	EN 13893	Class DS
Slip Resistance	AS 4586	R10
	DIN 51130 / DIN EN 16165 Ann. B	R10
	ASTM D2047	SCOF ≥0.6
Residual Indentation	ASTM F970 (Modified)	≤0.005" (750psi)
	EN ISO 24343-1 (EN 433)	≤0.1mm
Electrical Behaviour	EN 1815	≤2kV Classified as 'antistatic'
Castor Chair	ISO 4918 (EN 425)	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		Suitable, max 27°C
Thermal Conductivity	EN 12524	0.25W/m.K
Dimensional Stability	ISO 23999 (EN 434)	≤0.40%

Acoustic Performance

Impact Sound Reduction	ISO 10140-3	4dB
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VOCs

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

Environmental

Environmentally Preferable	BRE Green Guide	A+ ENP 472
	Recycled Content	25%
	Recyclable	100%
	Phthalates	Phthalate-free
	Bio-Plasticiser	Contains Bio-Plasticiser
	Recofloor	Access to the scheme
Responsible Sourcing	REACH	Compliant
	BES 6001	Excellent
	ISO 9001	Quality Management System
ISO 14001	Environmental Management System	

Hygiene

Bacterial Resistance	ISO 846 Part C	Does not favour growth
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		Low stain.
	ISO 26987 (EN 423)	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



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.

Polyflor Ejecta vinyl flooring accessories

Where hygiene is important, Polyflor Homogeneous sheet flooring may be covered 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.

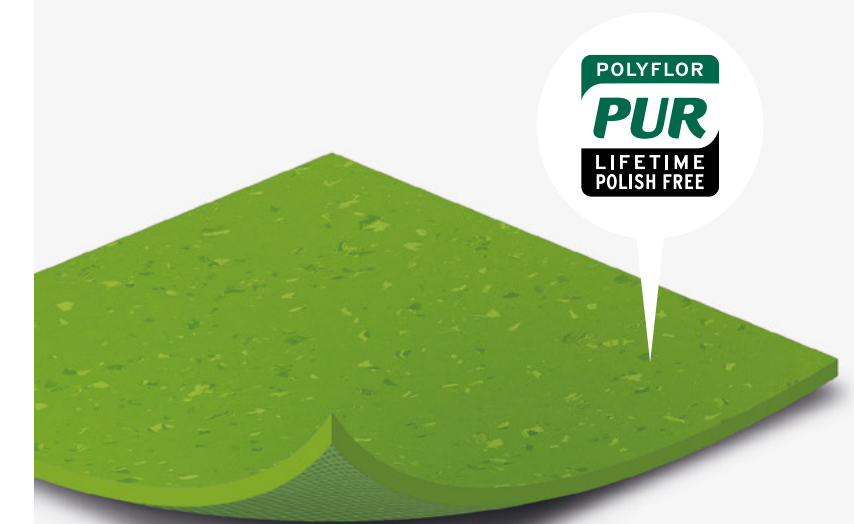
Weld rods are available by shade to match individual Palettone colours allowing seams to match or contrast with the floor finish.



Low VOC emissions

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

Resists soiling and scuffing



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.

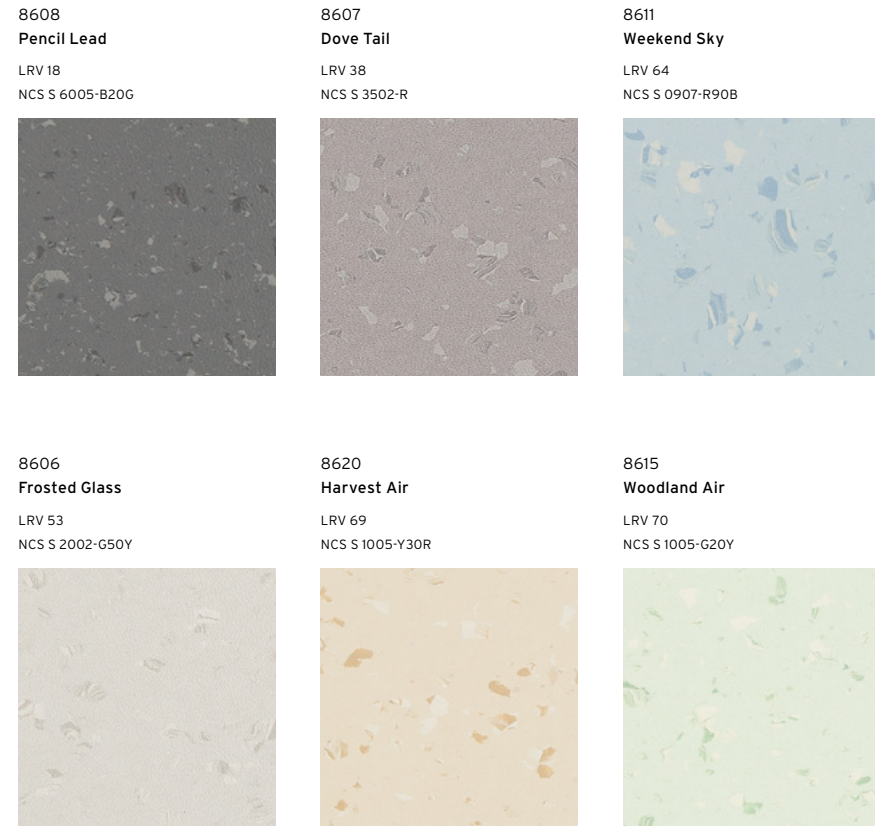
As a universal value for 'contrast', the minimum of 30 points of LRV difference is specified to ensure sufficient contrast between adjacent surfaces for the visually impaired.

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

Performance Requirements

General Performance	EN ISO 10581 (EN 649)	Conforms
	ASTM F1913	Conforms
Performance Classification	ISO 10874 (EN 685)	34: Very heavy commercial 43: Heavy industrial
	EN 13501-1	Class Bfl-S1
Reaction to Fire	ASTM E648	Class 1
	ASTM E662	<450
	CAN/ULC S102.2	FSV < 300; SDV < 500
Abrasion Resistance	EN 660-2	Group P
Binder Content	ISO 10581	Type I
Slip Resistance	EN 13893	Class DS
	DIN 51130 / DIN EN 16165 Ann. B	R9
Electrical Resistance	EN 1081 R ₁ /R ₂	1.0 x 10 ⁶ - 1.0 x 10 ⁹ ohms
	ESD S 7.1	1.0 x 10 ⁶ - 1.0 x 10 ⁹ ohms
	IEC 61340-4-1	1.0 x 10 ⁶ - 1.0 x 10 ⁹ ohms
	All products require minimum 40% RH	
Static Electrical Propensity	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		Suitable, max 27°C
Thermal Conductivity	EN 12524	0.25W/m.K
Dimensional Stability	EN ISO 23999 (EN 434)	≤0.40%

VOCs

VOC Emissions	Indoor Air Comfort GOLD	Eurofins certified product
	FloorScore	Certified
	Finnish M1 Classification	Certified

Environmental

Environmentally Preferable	BRE Green Guide	A+ Generic
	Generic EN 15894 EPD	Available
	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
Bacterial Resistance	ISO 846 Part C	Does not favour growth
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	ISO 26987 (EN 423)	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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