



MARINE FLOORING



VOYAGERTM
POLYFLOR
TRANSPORT FLOORING



Flooring for the marine industry

voyager ranges



4 Voyager Maritime

6 Voyager PUR

8 Voyager PU

10 Voyager XL

11 Voyager Polysafe Stud Tile

12 Voyager MarineSafe

The featured Polyflor Voyager floorcoverings have been developed to meet the demanding requirements of the marine industry. With excellent durability and conformance to stringent maritime standards, our floorcoverings have been installed in vessels throughout the world.

Extensive design options in terms of colour, decoration and surface profile are available, whether for passenger or crew areas. The **Voyager Maritime** collection is ideal for the former, transforming retail outlets, dining rooms, bars, as well as accommodation and general circulation zones. The collection features 16 beautifully replicated wood and stone designs which can be combined together to create stunning flooring.

The **Voyager PUR, PU** and **XL** ranges feature a choice of tonal, marbleised decorations in a broad palette of shades.

The **Voyager Polysafe Stud Tile** range features a classic low profile studded rubber tile in a choice of 4 plain shades. Heavy duty safety flooring **Voyager MarineSafe** is ideal for use in staff quarters, kitchens, canteens, corridors and any areas which are normally dry but where occasional liquid spillages can threaten underfoot safety.

Our low maintenance ranges will provide added protection for the floor and provide long term savings. The Voyager PUR range features a polyurethane reinforcement which will reduce the maintenance burden and facilitate a lifelong polish-free maintenance regime. This will provide significant cost savings (up to **48%** compared with untreated floors).

The Voyager Maritime, MarineSafe and PU ranges feature a polyurethane surface treatment, an excellent foundation for ongoing maintenance (leading to cost savings of up to **24%** compared to untreated floors).

Full technical support is available on issues such as installation, adhesives, design and maintenance. Do not hesitate to contact us for further information or view the website www.voyager.polyflor.com.

Key features

- Authentically represented natural wood, stone and slate effects.
- High design installation potential, aligned to the marine sector trends and requirements.
- Flexibility to create bespoke installations through Polyflor's in house design department.
- Functional, practical & hardwearing plank & tile formats featuring a polyurethane surface treatment for an easier maintenance regime.
- Resistant to surface water and continuous heavy footfall.
- Meets all IMO fire, smoke and toxicity requirements with supporting certificates (see page 14-15 for full details).

Typical applications

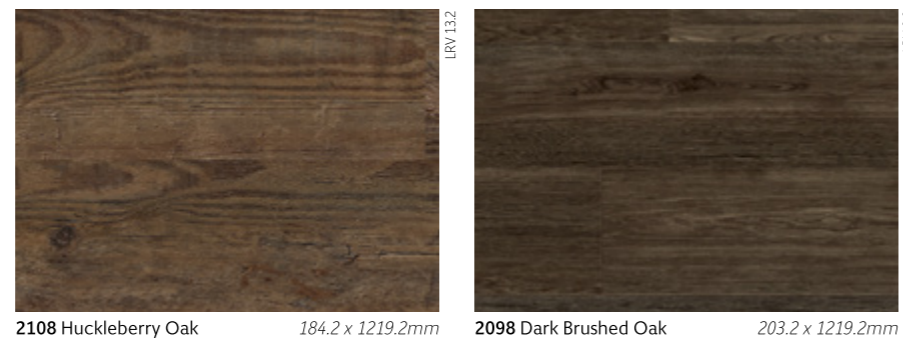
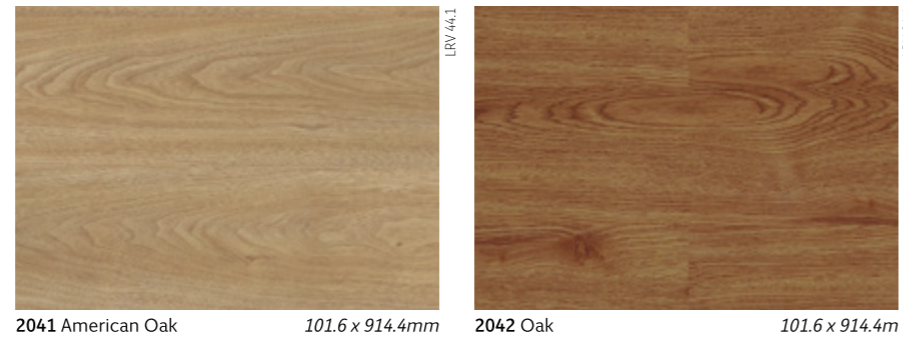
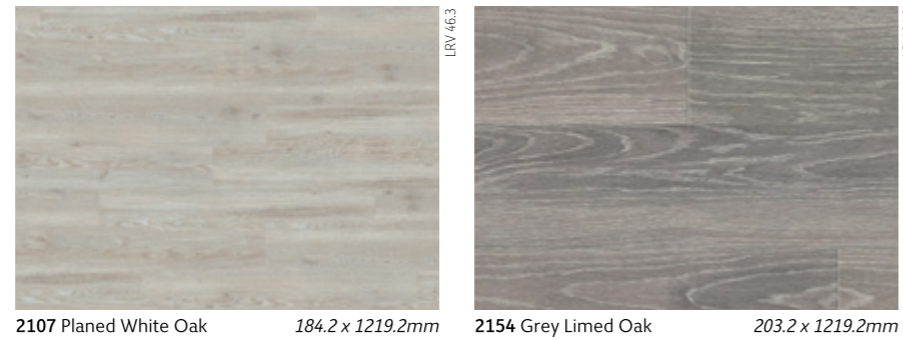
Ideal for front of house public areas, such as bars, restaurants, retail & leisure environments and general circulation points.

Specifications

Gauge: 2.0mm

Wearlayer: 0.55mm

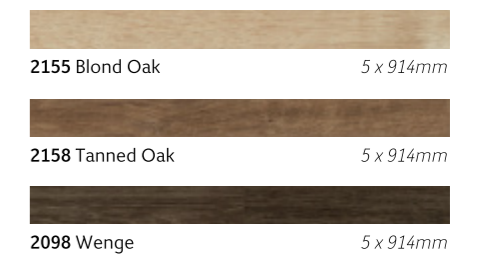
Availability: Tiles and planks, sizes as shown



2156 Light Classic Oak

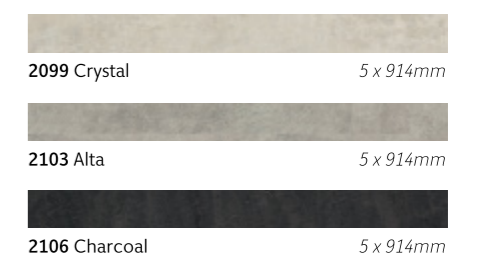
Marquetry Strips

Authentic and detailed wood designs, used to create a 'ships decking' effect, or perimeter borders.



Grouting Strips

Co-ordinating and realistic stone grout colours for laying in between tiles for an authentic finish.



Due to the limitations of colour printing, actual samples should be seen before colour selection is made.

LRV (Light Reflectance Value) tested in accordance with BS 8300:2009.

voyager PUR



Key features

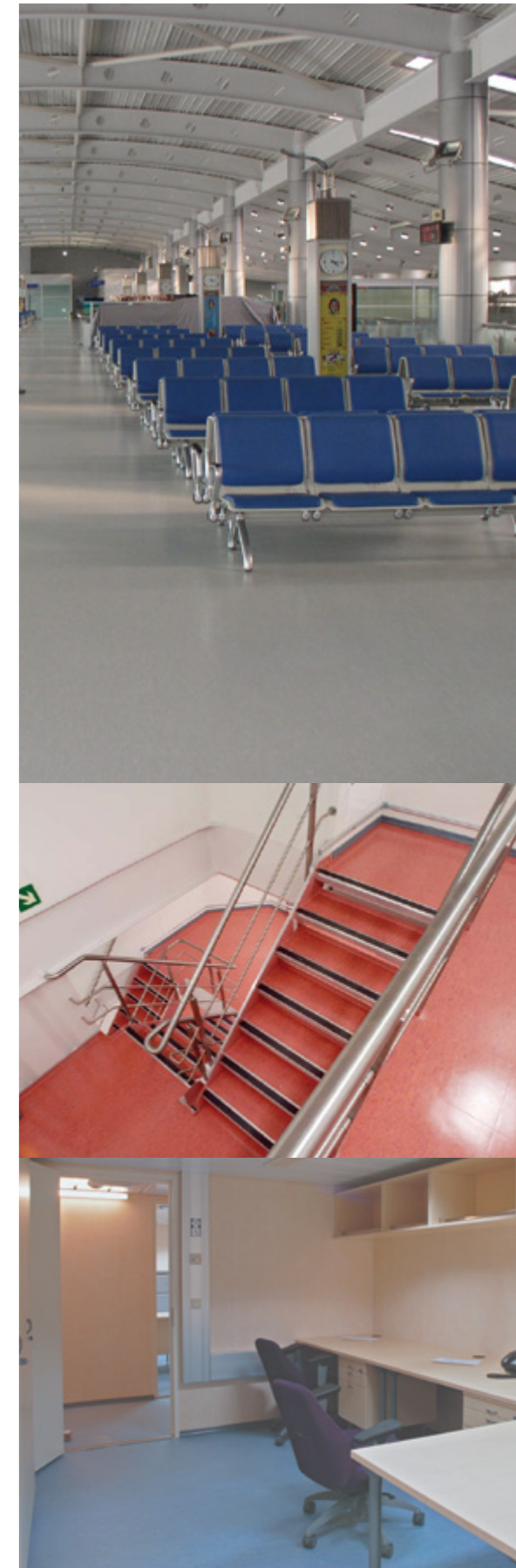
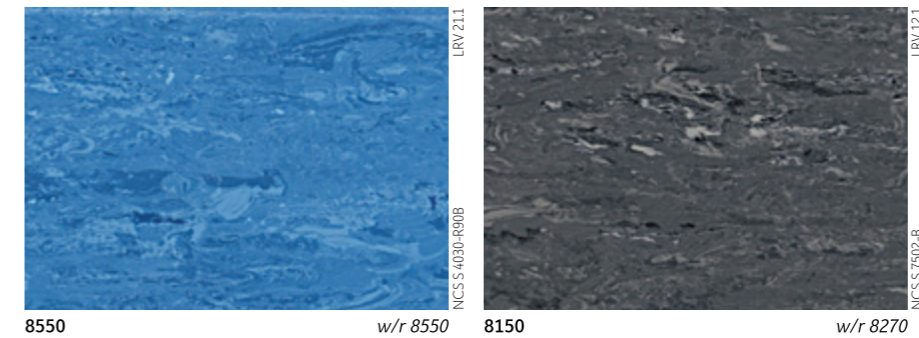
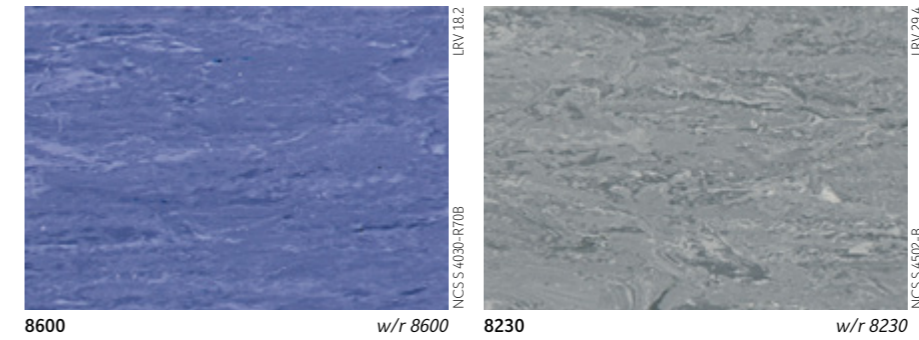
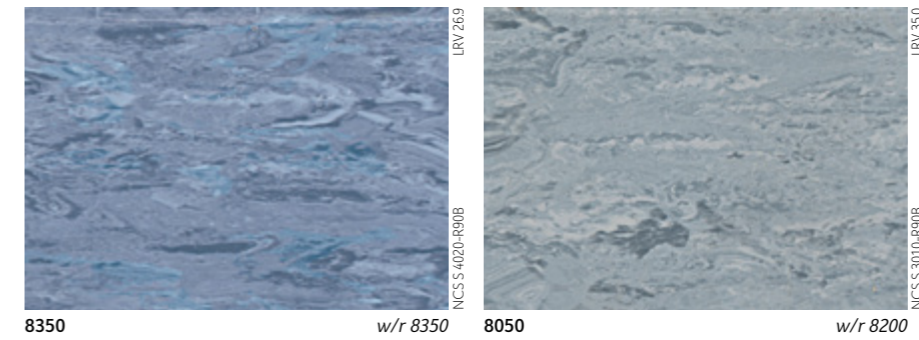
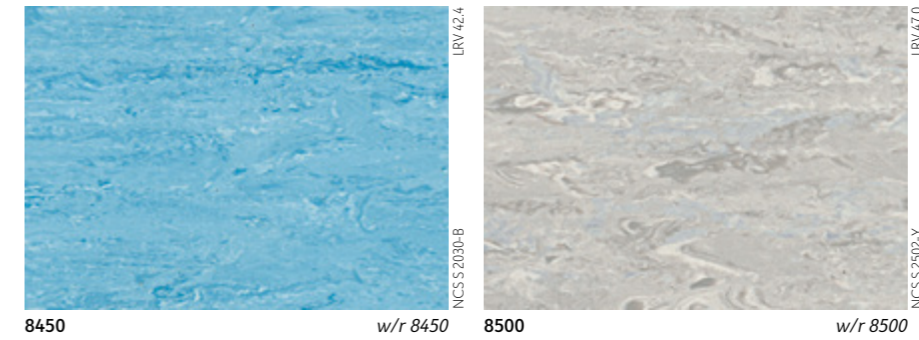
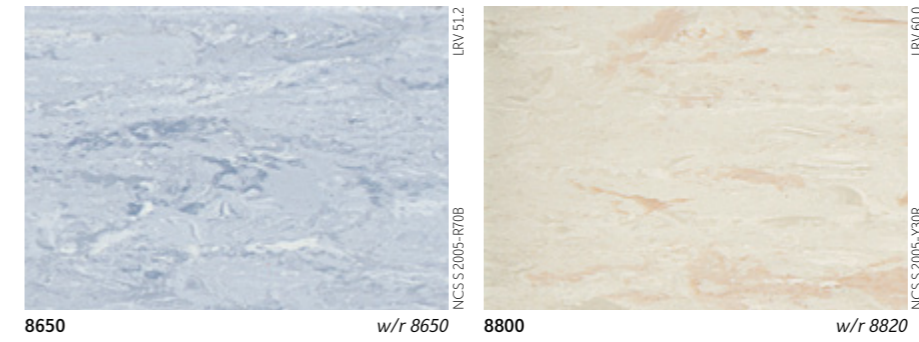
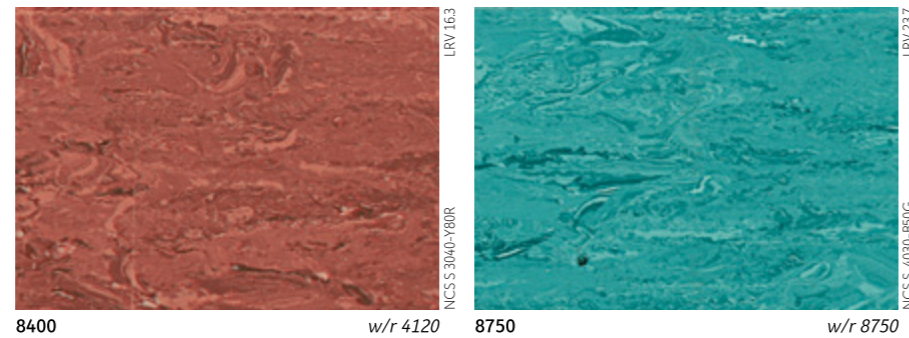
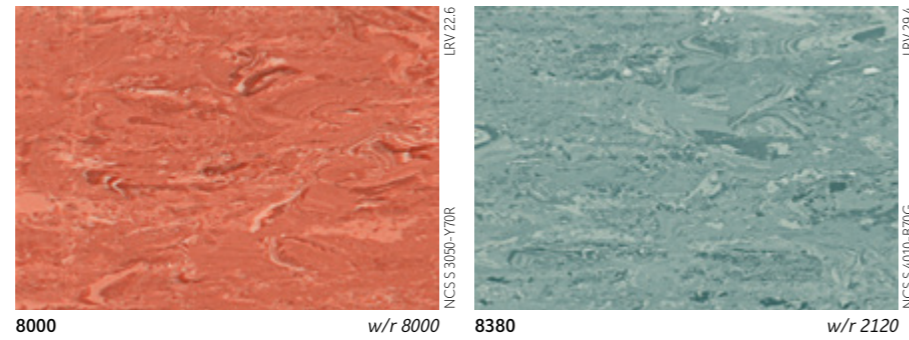
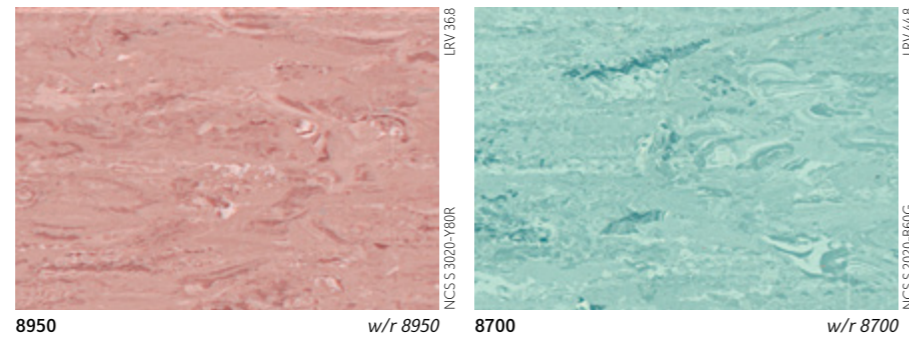
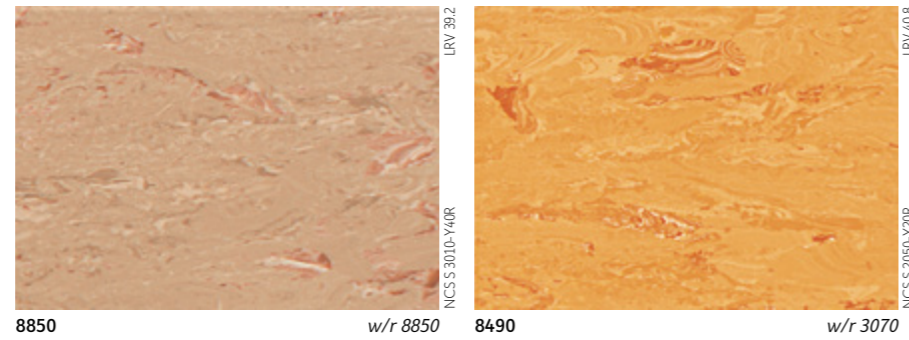
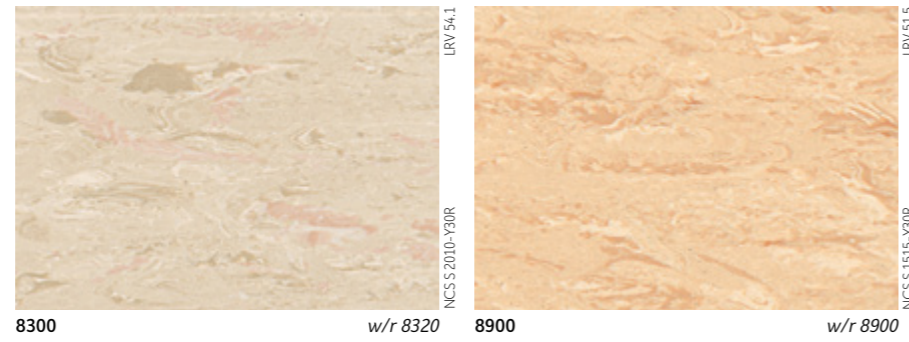
- Hardwearing, flexible pvc sheet flooring in 2.0mm thickness.
- Homogeneous and monolayer in construction.
- Incorporates a specially formulated polyurethane reinforcement, to significantly reduce cleaning costs through a polish-free maintenance regime.
- Directional duotone marbled decoration with marbled highlight tones.
- Conforms to relevant maritime requirements (see page 14-15 for full details).
- 100% recyclable and contains 25% recycled material.

Typical applications

Voyager PUR is recommended for use where ease of maintenance and long life under heavy traffic is required. Typical areas include stairways, staff quarters and offices, corridors and walkways.

Specifications

Gauge: 2.0mm
Availability: Sheet



Due to the limitations of colour printing, actual samples should be seen before colour selection is made.

The closest perceived NCS (Natural Colour System) references are quoted for your convenience. w/r = weld rod

LRV (Light Reflectance Value) tested in accordance with BS 8300:2009.

voyager PU

Key features

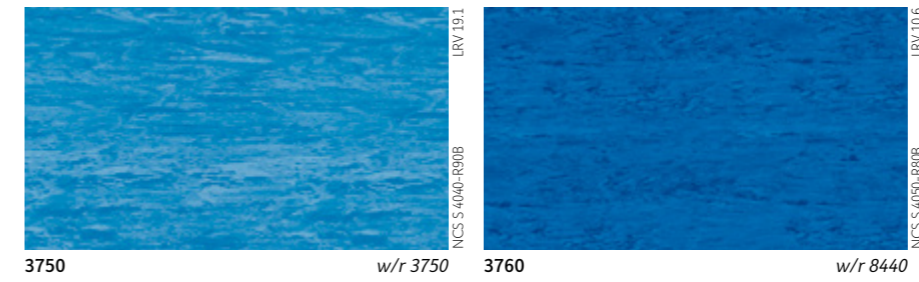
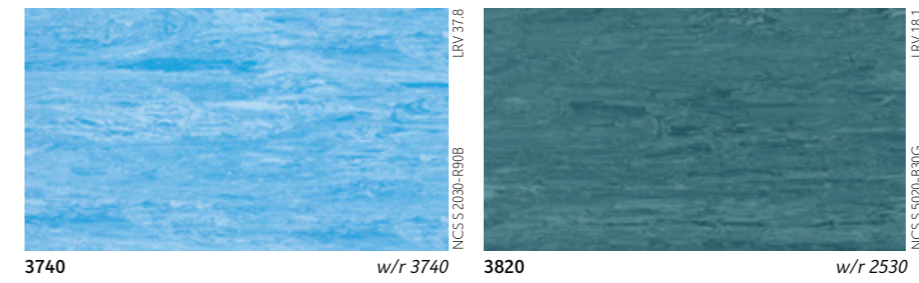
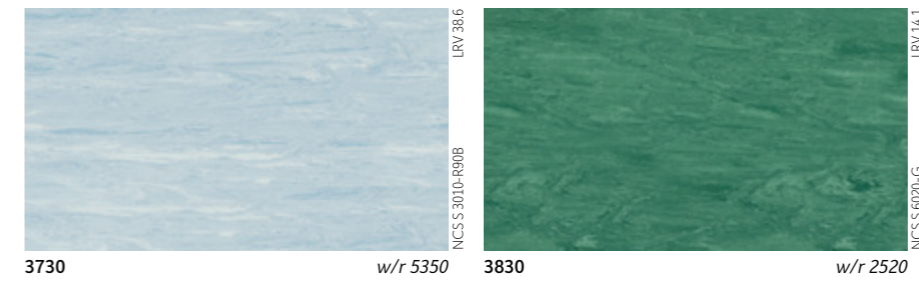
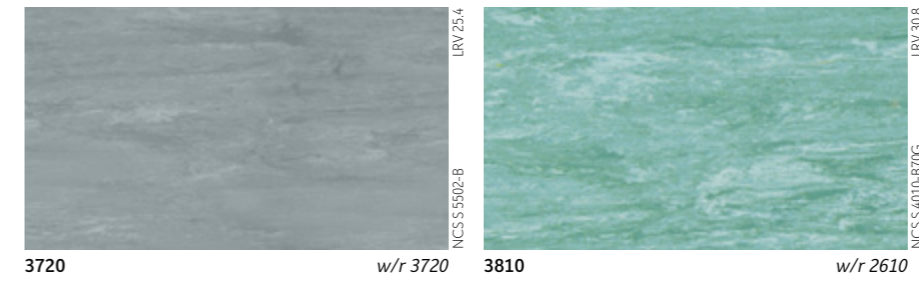
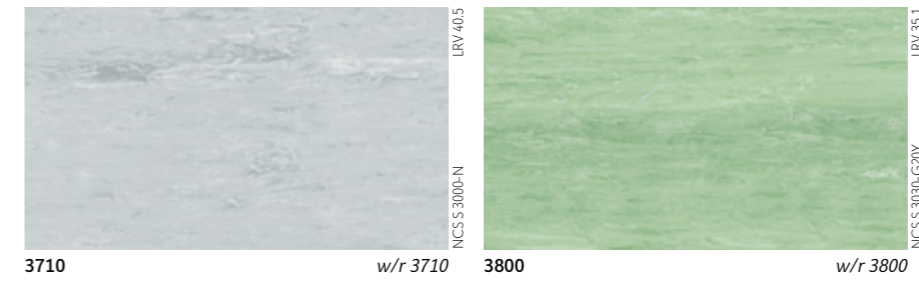
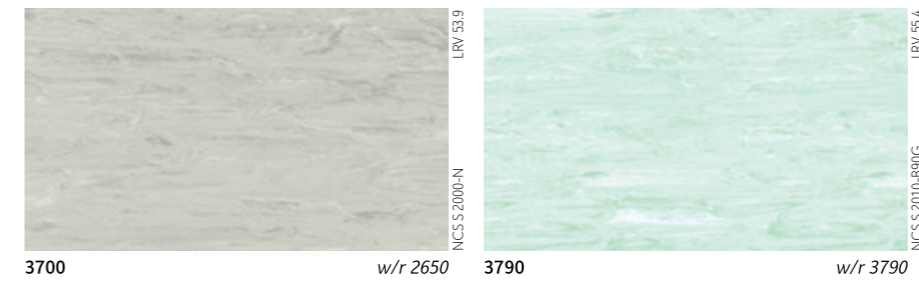
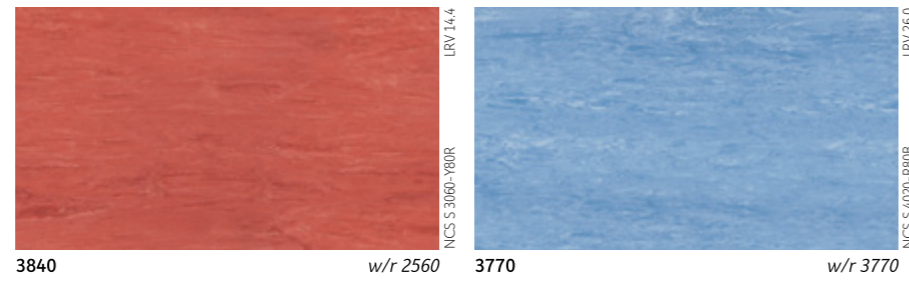
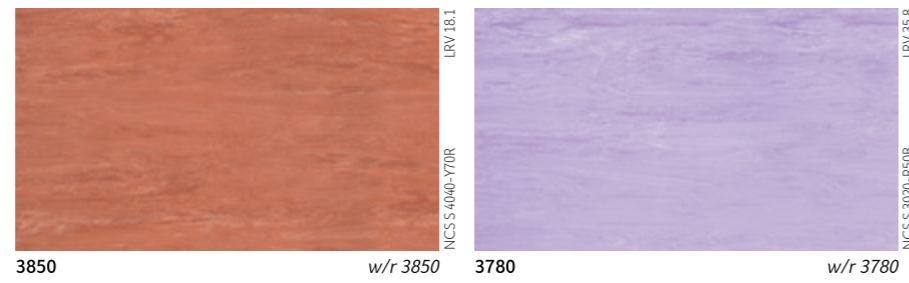
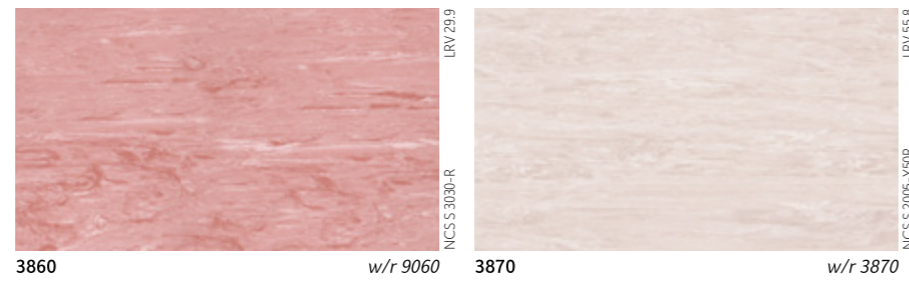
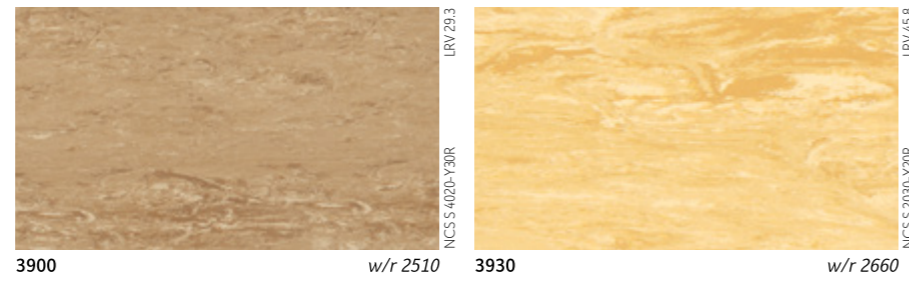
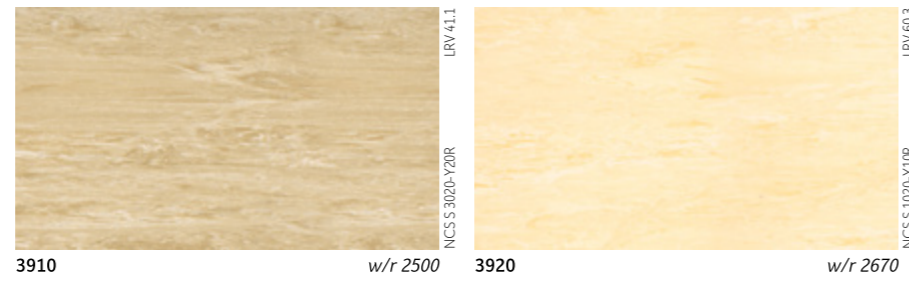
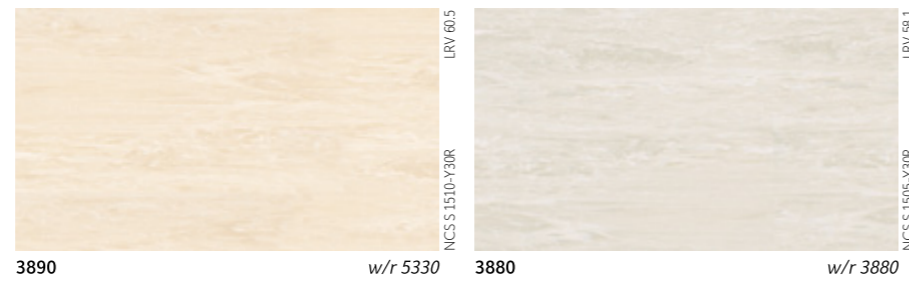
- Hardwearing, flexible pvc sheet flooring in 1.5mm and 2.0mm thickness.
- Homogeneous and monolayer in construction.
- Incorporates a specially formulated polyurethane surface treatment, to significantly reduce maintenance costs.
- Directional duotone marbled decoration.
- Conforms to relevant maritime requirements (see page 14-15 for full details).
- 100% recyclable and contains 25% recycled material.

Typical applications

Voyager PU is recommended for use where ease of maintenance and long life under heavy traffic is required. Typical areas include stairways, staff quarters and offices, corridors, walkways and store areas.

Specifications

Gauge: 1.5mm, 2.0mm
Availability: Sheet



Due to the limitations of colour printing, actual samples should be seen before colour selection is made.

The closest perceived NCS (Natural Colour System) references are quoted for your convenience. w/r = weld rod

LRV (Light Reflectance Value) tested in accordance with BS 8300:2009.

voyager XL

Key features

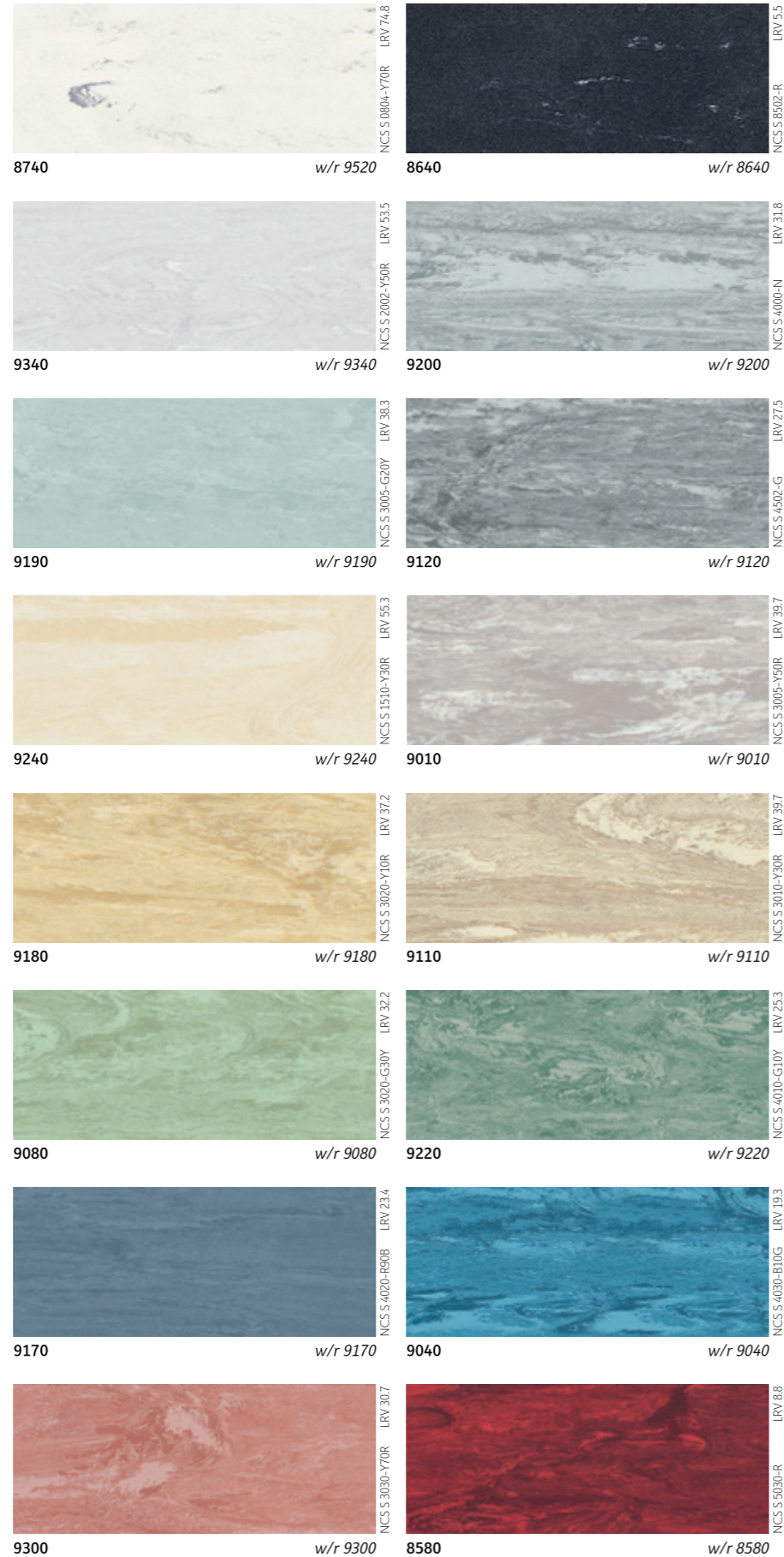
- Hardwearing, flexible pvc sheet flooring in 1.5mm and 2.0mm thickness.
- Homogeneous and monolayer in construction.
- Directional duotone marbled decoration.
- Conforms to relevant maritime requirements (see page 14-15 for full details).
- 100% recyclable and contains 25% recycled material.

Typical applications

Voyager XL is recommended for use where long life under heavy traffic is required. Typical areas include stairways, offices, corridors, walkways and store areas.

Specifications

Gauge: 1.5mm, 2.0mm
Availability: Sheet



Due to the limitations of colour printing, actual samples should be seen before colour selection is made. w/r = weld rod

voyager polysafe stud tile



Key features

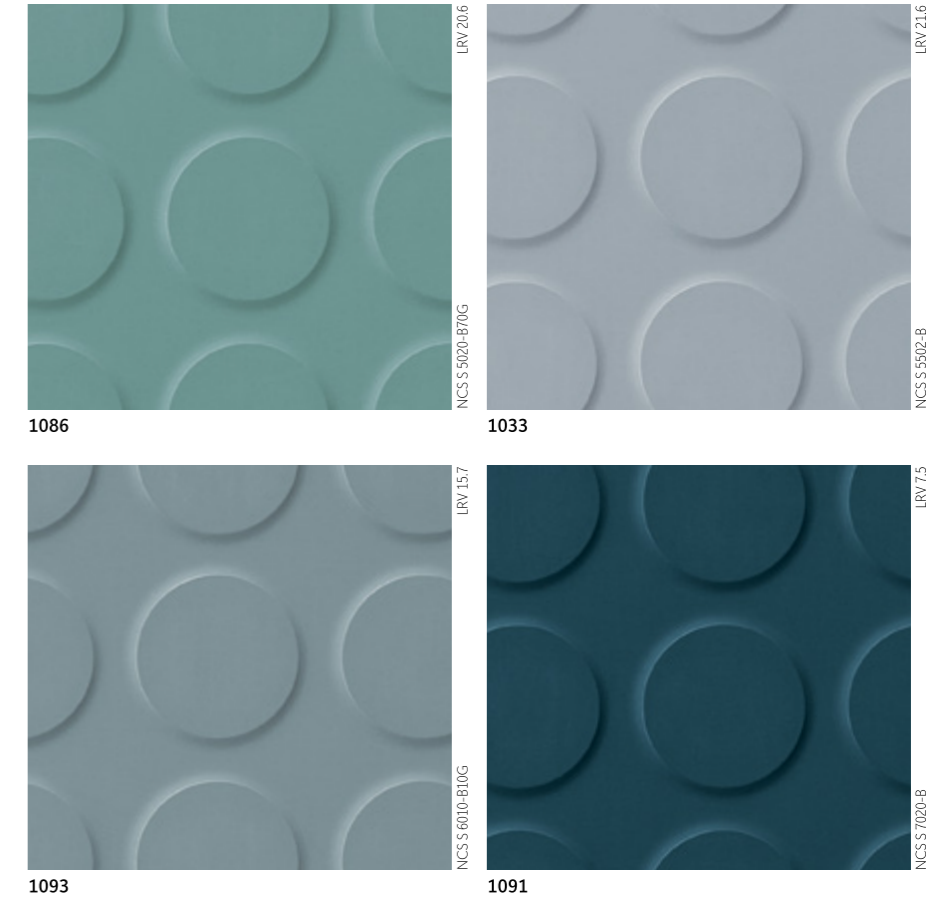
- Hardwearing commercial rubber floor tiles.
- Resilience and comfort underfoot.
- Low-profile studded surface.
- Conforms to EN 12199: 1998.
- Resistant to cigarette burns.
- Conforms to relevant maritime requirements (see page 14-15 for full details).
- Rubber floors make a beneficial contribution to impact sound reduction.

Typical applications

Voyager Polysafe Stud Tile is suitable for use in heavily trafficked areas such as corridors, shops, bars, restaurants, leisure areas, crew areas and technical areas.

Specifications

Gauge: 3.0mm
Availability: Tile: 500 x 500mm



The closest perceived NCS (Natural Colour System) references are quoted for your convenience.

LRV (Light Reflectance Value) tested in accordance with BS 8300:2009.

voyager marinesafe PU

Key features

- Heavy-duty, decorative safety flooring with a multi-chip design.
- Conforms fully with European Safety Flooring Standard - EN 13845.
- Incorporates quartz, aluminium oxide, silicon carbide particles and natural recycled aggregates, to improve traction and safety underfoot.
- Fully HSE compliant, with slip resistance assured for the guaranteed life of the product - ≥ 36 result achieved on RRL Pendulum wet test - 4S Rubber (Slider 96), with a surface roughness of $Rz \geq 20\mu m$.
- Suitable for areas subject to water and other contaminant spillages in hygiene critical locations.
- Conforms to relevant maritime requirements (see page 14-15 for full details).
- 100% recyclable and contains 25% recycled material.

Typical applications

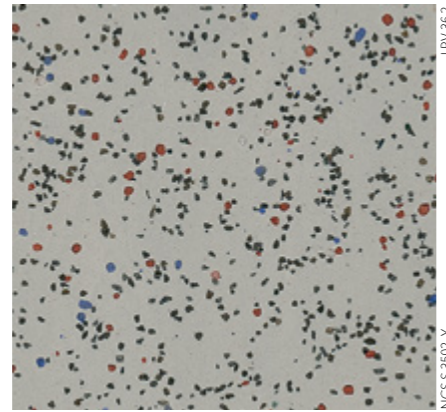
Voyager MarineSafe is ideal for use in areas on marine vessels which are normally dry but where occasional water spillage can occur, making slip resistance an important consideration. Typical areas include stairway enclosures, control stations, staff quarters, en-suites, back of house corridors, circulation areas, general service spaces, washrooms, WCs, bar serveries, food preparation areas, kitchens and canteens. Voyager MarineSafe should not have a polish applied as it will impair the slip resistance of the floor.

Specifications

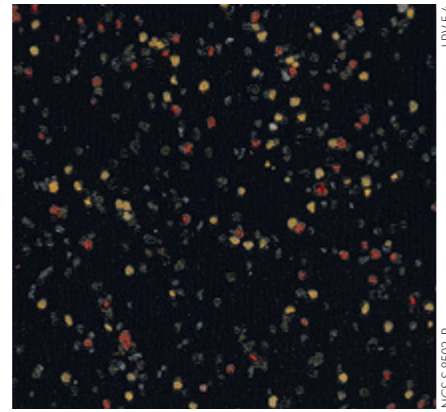
Gauge: 2.0mm
Availability: Sheet



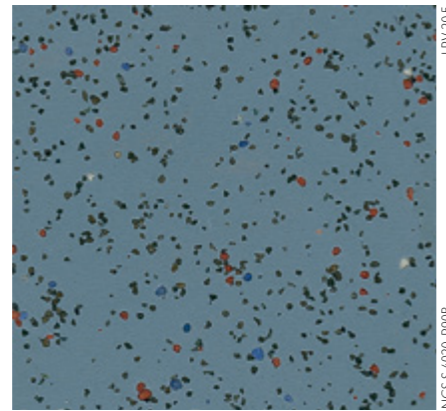
100% Recyclable
25% Recycled Material



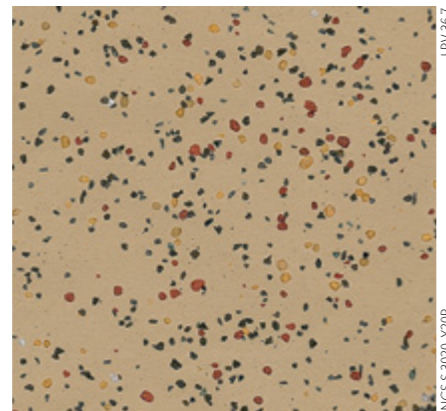
3180 Anchor Grey w/r 3710



3190 Black Sea w/r 8640



3210 Ocean Blue w/r 9170



3220 Oakum Beige w/r 2500

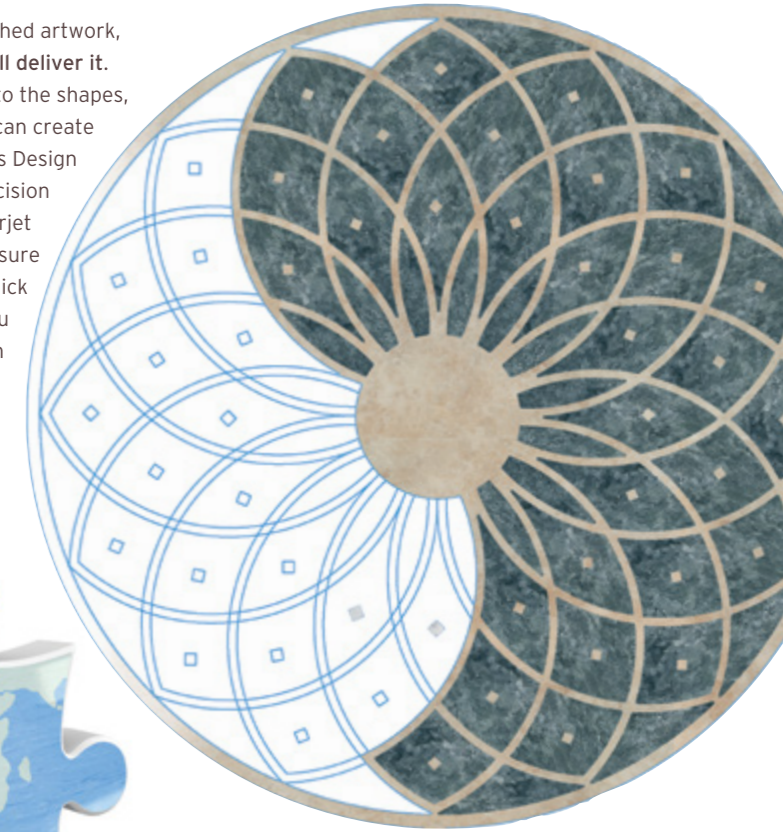


Due to the limitations of colour printing, actual samples should be seen before colour selection is made.

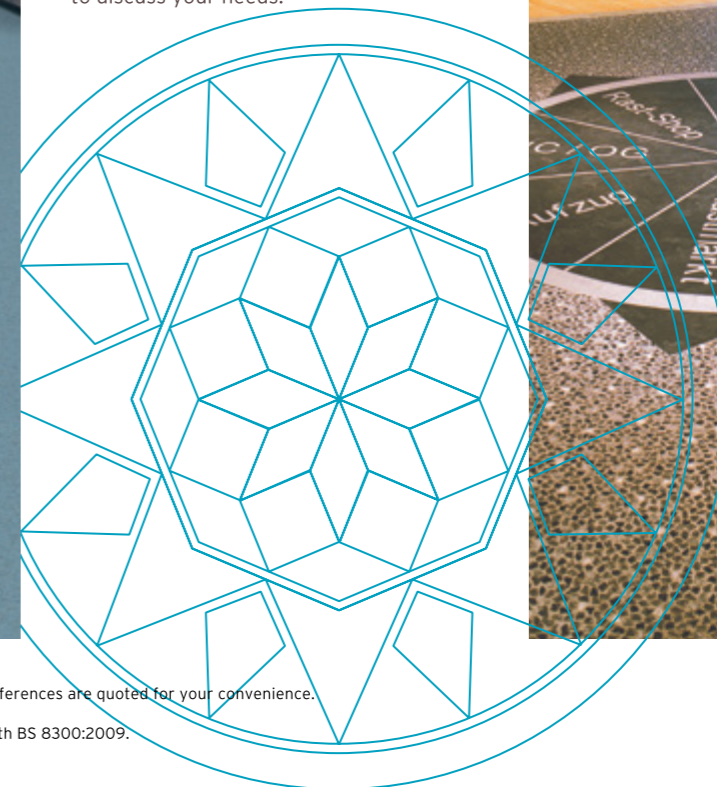
design service



From an idea to fully finished artwork, if you can imagine it, we'll deliver it. There's virtually no limit to the shapes, patterns or pictures you can create with the help of Voyager's Design Service. We offer the precision and the flexibility of waterjet cutting, using a high-pressure stream of water 0.1mm thick to produce any design you require. Clear information signs, safety notices and corporate branding can all be achieved to create a distinctive and bespoke walking surface.



Visit voyager.polyflor.com and click on the Design Service option to view our library of designs and examples of work. If you can't find anything that fits your brief, contact our Design Service directly to discuss your needs.



The closest perceived NCS (Natural Colour System) references are quoted for your convenience.

LRV (Light Reflectance Value) tested in accordance with BS 8300:2009.

w/r = weld rod

technical specifications



1. The slip resistance of Voyager MarineSafe is assured throughout the guaranteed life of the product, with strict adherence to Health and Safety Executive Guidelines.

2. A full Environmental Report detailing Polyflor's achievements in areas such as recycling, energy reduction and waste avoidance can be found at www.voyager.polyflor.com

			Voyager Maritime	Voyager PUR	Voyager PU	Voyager XL	Voyager Polysafe Stud Tile	Voyager MarineSafe
Gauge			2.0mm	2.0mm	1.5mm 2.0mm	1.5mm 2.0mm	3.0mm	2.0mm
Wear Layer			0.55mm	-	-	-	-	-
Roll Length/coverage			-	-	2m x 27.5m = 55m ²	2m x 27.5m = 55m ²	-	-
No of tiles per box/tile size/coverage			-	2m x 20m = 40m ²	2m x 20m = 40m ²	2m x 20m = 40m ²	-	2m x 20m = 40m ²
			18 @ 305 x 610mm = 3.34m ² 36 @ 102 x 914mm = 3.34m ² 18 @ 152 x 1219mm = 3.34m ² 15 @ 184 x 1219mm = 3.37m ² 14 @ 203 x 1219mm = 3.46m ²				20 @ 500 x 500mm = 5m ²	
Product Weight			3520g/m ²	3550g/m ²	1.5mm 2360g/m ² 2.0mm 3200g/m ²	1.5mm 2360g/m ² 2.0mm 3200g/m ²	4800g/m ²	3250g/m ²
General Performance			EN 649/EN ISO 10582	EN 649/EN ISO 10581 ASTM F1913	EN 649/EN ISO 10581 ASTM F1913	EN 649/EN ISO 10581 ASTM F1913	EN 12199	EN 13845
Marine Usage		Marine Equipment Directive 96/98/EC SOLAS 74 American Bureau of Shipping US Coast Guard China Classification Society Class NK	Conforms Conforms Conforms Approved	Conforms Conforms Conforms Approved	Conforms (2.0mm) Conforms (2.0mm) Conforms (2.0mm) Approved (2.0mm) Approved (2.0mm)	Conforms (2.0mm) Conforms (2.0mm) Conforms (2.0mm) Approved (2.0mm) Approved (2.0mm)	Conforms Conforms Conforms	Conforms Conforms Conforms
Reaction to Fire		95/28/EC EN 13501-1 ASTM E662 ASTM E648 IMO MSC 307(88) Annex 1 Part 2 & 5 BS 6853 : 1999 UIC 564-2 : 1991	Class Bfl-S1 <450 Class 1 Pass	Conforms Class Bfl-S1 <450 Class 1 Pass Conforms	Conforms Class Bfl-S1 <450 Class 1 Pass (2.0mm) Class 1b (2.0mm) Conforms	Conforms Class Bfl-S1 <450 Class 1 Pass (2.0mm) Class 1b (2.0mm) Conforms	Class Bfl-S1 Pass	Pass Pass
Slip Resistance		EN 13893 AS/NZS 4586 EN 13845 1 RRL Pendulum Test (wet test - 4S Rubber/Slider 96) Surface roughness	Class DS R10	Class DS R9	Class DS R9	Class DS R9	Class DS	Class DS R10 ESf ≥36 Rz ≥20µm 50,000 cycles
Abrasion Resistance		EN 13845 EN 649/EN ISO 10581 EN 649/EN ISO 10582 ISO 4649	Group T/Type I	Group M/ Type II	Group M/ Type II	Group M/ Type II	<250mm ³	
Indentation-Residual		EN 433/EN ISO 24343-1	≤0.1mm	≤0.1mm	≤0.1mm	≤0.1mm	≤0.25mm	≤0.1mm
Dimensional Stability		EN 434/EN ISO 23999	≤0.25%max.	≤0.4%max.	≤0.4%max.	≤0.4%max.	≤0.4%max.	≤0.4%max.
Flexibility		20mm mandrel						Pass
Light Fastness		ISO 105-B02 Method 3	≥6	≥6	≥6	≥6	≥6	≥6
Static Load Limit		ASTM F970	750 psi (modified)	750 psi (modified)	750 psi (modified)	750 psi (modified)		
Resistance To Chemicals			Good	Good	Good	Good	Good	Good
Environment 2			100% Recyclable and contains 40% recycled material	100% Recyclable and contains 25% recycled material	100% Recyclable and contains 25% recycled material	100% Recyclable and contains 25% recycled material		100% Recyclable and contains 25% recycled material
Maintenance Enhancement			Polyurethane surface treatment	Polyurethane reinforcement	Polyurethane surface treatment			Polyurethane surface treatment

customer support

For information regarding handling and installation, adhesives, maintenance, applications and chemical resistance, consult Polyflor Customer Technical Services on +44 (0)161 767 1912 or tech@polyflor.com

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



POLYFLOR™ INTERNATIONAL

Australia

Polyflor Australia
Tel: +61 3 9215 4400
Tel: 1800 777 425
E-mail: sales@polyflor.com.au

Canada

Polyflor Canada Inc.
Tel: +1 905 364 3000
E-mail: sales@polyflor.ca

China

Polyflor Hong Kong
Tel: +(852) 2865 0101
E-mail: info@polyflor.com.hk

France

James Halstead France SAS
Tel: +33 (0) 8 20 20 32 11
E-mail: info@jhfrance.fr

Germany

objectflor Art und Design Belags GmbH
Tel: +49 (0) 2236 966 330
E-mail: info@objectflor.de

India

Polyflor India Pvt Ltd
Tel: +91 22 4023 2485
E-mail: info@polyflor.co.in

Ireland

Polyflor Ireland
Tel: +353 (1) 864 9304
E-mail: salesireland@polyflor.com

New Zealand

Polyflor New Zealand
Tel: +64 9 269 1111
Tel: 0800 765 935
E-mail: sales@polyflor.co.nz

Norway

Polyflor Nordic
Tel: +47 23 00 84 00
E-mail: firmapost@polyflor.no

Poland

Polflor Sp. Z o.o.
Tel: +48 (0) 61 820 3155
E-mail: polyflor@polflor.com.pl

Russia

Polyflor Contract Ltd
Tel: +7 (812) 332 42 02
E-mail: info@polyflor.ru

South Africa

Poly Sales Africa (Pty.) Ltd
Tel: +27 11 609 3500
E-mail: info@polyflor.co.za

Sweden

FalckDesign AB
Tel: +46 (0) 300 15820
E-mail: info@falckdesign.com



For details on Voyager distribution for other countries, as well as up to date product, installation and technical information, please visit www.voyager.polyflor.com

POLYFLOR LTD. TRANSPORT FLOORING DIVISION
PO Box 3 Radcliffe New Road Whitefield Manchester M45 7NR UK
TEL: +44 (0)161 767 1111 FAX: +44 (0)161 767 2515 E-MAIL: transport@polyflor.com