

Expona Flow PUR



PRODUCT SPECIFICATION

Key Features

- > Contemporary wood, stone & abstract designs
- > Durable vinyl sheet format
- > Low VOC emissions
- > Low cost, polish-free maintenance
- > Heavy commercial installations



Product Format	Standard	Result
Gauge	ISO 24346 (EN 428)	2.0mm
Wear Layer	ISO 24340 (EN 429)	0.70mm
Total Weight	ISO 23997 (EN 430)	2660g/m ²
Finish		PUR

Sheet Size	Size	Shades	Quantity per Box	Coverage per Box/Roll
Sheet	2m x 20m	44	-	40m ²

Performance Requirements	Standard	Result
General Performance	ISO 10582 (EN 649) ASTM F1303	Conforms Type I, Grade I, Class B Backing
Use Area	ISO 10874 (EN 685)	23, 34, 43
Slip Resistance	EN 13893 DIN 51130 / DIN EN 16165 Ann. B AS 4586 Appendix D ASTM D2047	Class DS R10 R10 SCOF ≥0.5
Binder Content	ISO 10582	Type I
Abrasion Resistance	EN 649	Group T
Reaction to Fire	EN 13501-1 ASTM E648 AS ISO 9239.1 CAN/ULC S-102.2	Class Bfl-S1 Class 1 >8.0kW/m ² FSV < 300; SDV < 500
Static Electrical Propensity	EN 1815	≤2.0kV Classified as 'antistatic'
Residual Indentation	ASTM F1914 ASTM F970 (Modified) ISO 24343-1	≤0.005" ≤0.005" (750psi) ≤0.10mm
Castor Chair (continuous use)	ISO 4918 (EN 425)	Suitable
Dimensional Stability	ISO 23999 (EN 434)	≤0.40%
Flexibility	ISO 24344 (EN 435) ASTM F137	(Method A) Pass 20mm ø 0.25" Pass
Underfloor Heating		Suitable, max 27°C

Light Fastness	ISO 105-B02 (Method 3)	≥6
Resistance to Light	ASTM F1515	$\Delta E \leq 8.0$ - Meets
Resistance to Heat	ASTM F1514	$\Delta E \leq 8.0$ - Meets

Sustainability

	Standard	Result
BRE Green Guide		A+ ENP 415
GreenTag	LCA Rate Gold Plus	GreenRate level A
Specific EN 15804 EPD		Available
Recyclable		100%
Recycled Content		10%
REACH		Compliant
Indoor Air Comfort Gold		Eurofins certified product
FloorScore		Certified
Finnish M1 Classification		Certified
AgBB/ABG		Pass
Responsible Sourcing	BES 6001	Excellent

Acoustic Performance

	Standard	Result
Impact Sound Reduction	ISO 10140-3	8dB

Maintenance Performance

	Standard	Result
Resistance to Chemicals	ISO 26987 (EN 423)	Good resistance
	ASTM F925	Good resistance

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.

Hygiene

	Standard	Result
Bacterial Resistance	ISO 846 Part C	Does not favour growth



BS EN 14041



EN 14041

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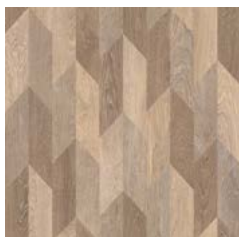
V1

Expona Flow PUR

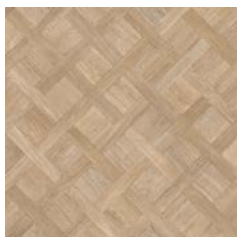
RANGE SHADES



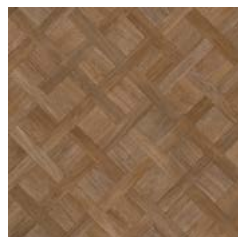
Grey Archer Oak 9683
plank size in sheet: 100 x 333mm
w/r 9683 LRV 35



Tan Archer Oak 9684
plank size in sheet: 100 x 333mm
w/r 9684 LRV 32



Classic Basket Weave 9681
plank size: 297 x 56mm & 120 x 120mm
w/r 9681 LRV 34



Antique Basket Weave 9682
plank size: 297 x 56mm & 120 x 120mm
w/r 9682 LRV 22



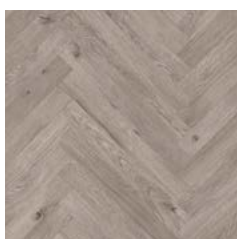
Ridge Oak 9672
plank size in sheet: 200 x 1500mm
w/r 9672 LRV 34



Eden Oak Parquet 9677
plank size in sheet: 88 x 700mm
w/r 9677 LRV 40



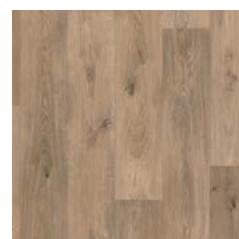
Serene Oak Parquet 9678
plank size in sheet: 88 x 700mm
w/r 9678 LRV 30



Upland Oak Parquet 9679
plank size in sheet: 88 x 700mm
w/r 9679 LRV 33



Borough Oak 9676
plank size in sheet: 200 x 1500mm
w/r 9676 LRV 22



Bracken Oak 9674
plank size in sheet: 200 x 1500mm
w/r 9674 LRV 28



Eden Oak 9671
plank size in sheet: 200 x 1500mm
w/r 9671 LRV 37



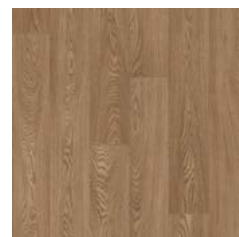
Serene Oak 9673
plank size in sheet: 200 x 1500mm
w/r 9673 LRV 29



Upland Oak 9675
plank size in sheet: 200 x 1500mm
w/r 9675 LRV 33



Honey Oak 9821
plank size in sheet: 167 x 1500mm
w/r 9821 LRV 22



Toasted Oak 9822
plank size in sheet: 167 x 1500mm
w/r 9822 LRV 18



Classic Limed Ash 9833
plank size in sheet: 166 x 1500mm
w/r 9833 LRV 49



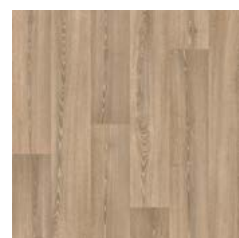
Warm Limed Ash 9832
plank size in sheet: 166 x 1500mm
w/r 9832 LRV 34



Sun Bleached Oak 9825
plank size in sheet: 200 x 1500mm
w/r 9825 LRV 31



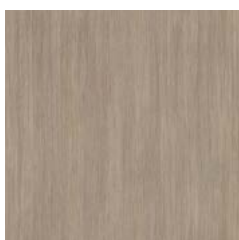
Blond Oak 9820
plank size in sheet: 167 x 1500mm
w/r 9820 LRV 28



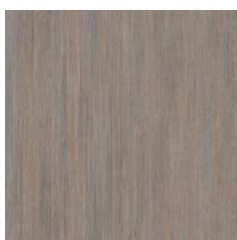
Roasted Limed Ash 9831
plank size in sheet: 166 x 1500mm
w/r 9831 LRV 27



English Oak 9823
plank size in sheet: 200 x 1500mm
w/r 9823 LRV 24



Honey Beige 9869
NCS S 3005-Y50R
w/r 9869 LRV 29



Autumn Rain 9864
NCS S 5005-Y80R
w/r 9864 LRV 24



Silver Oak 9826
plank size in sheet: 200 x 1500mm
w/r 9826 LRV 28



Smoked Oak 9827
plank size in sheet: 200 x 1500mm
w/r 9827 LRV 11

Expona Flow PUR



Dove Cement **9685**
w/r 9685 LRV 43



Oyster **9693**
w/r 9693 LRV 42



Storm **9845**
w/r 9845 LRV 26



Light Grey Concrete **9858**
w/r 9858 LRV 40



Light Industrial Concrete **9860**
w/r 9860 LRV 35



Chalk Cement **9687**
w/r 9687 LRV 53



Marlstone **9692**
w/r 9692 LRV 41



Oatmeal **9840**
w/r 9840 LRV 43



Copper Ornamental **9861**
w/r 9861 LRV 19



Warm Concrete **9855**
w/r 9855 LRV 25



Sepia Cement **9688**
w/r 9688 LRV 39



Pebble **9691**
w/r 9691 LRV 29



Moleskin **9841**
w/r 9841 LRV 28



Dark Industrial Concrete **9859**
w/r 9859 LRV 24



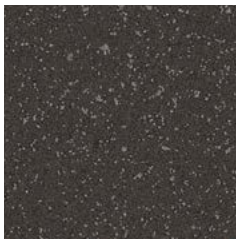
Cool Concrete **9856**
w/r 9856 LRV 22



Pewter Cement **9686**
w/r 9686 LRV 22



Starlight **9689**
w/r 9689 LRV 15



Jet **9842**
w/r 9842 LRV 8



Dark Grey Concrete **9857**
w/r 9857 LRV 13

w/r - Weld Rod

LRV - Light Reflectance Value

NCS - Natural Colour System

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