

Essential PU

PRODUCT SPECIFICATION

Características

- > Pisos homogéneos de alta resistencia marmoleados de duotono
- > Láminas y losas en múltiples calibres
- > Tratamiento de superficie de PU
- > Certificación BRE Green Guide
- > Áreas de tráfico pesado



Product Format	Standard	Result		
Gauge	ISO 24346 (EN 428)	1.5mm, 2.0mm		
Total Weight	ISO 23997 (EN 430)	1.5mm: 2360g/m ² 2.0mm: 3200g/m ²		
Finish		PU		

Sheet & Tile Sizes	Size	Shades	Quantity per Box	Coverage per Box/Roll
Sheet	1.5mm: 2m x 27.5m II	4	-	55m ²
	2.0mm: 2m x 20m	23	-	40m ²
Tile	2.0mm: 300mm x 300mm III	12	50	4.5m ²
	2.0mm: 608mm x 608mm +	12	14	5.17m ²

Performance Requirements	Standard	Result		
General Performance	ISO 10581 ASTM F1913 ASTM F1700	Conforms Conforms Class I, Type A		
Use Area	ISO 10874 (EN 685)	23, 32, 41 (1.5mm) 23, 34, 43 (2.0mm)		
Slip Resistance	EN 13893 DIN 51130 / DIN EN 16165 Ann. B AS 4586 ASTM D2047	Class DS R9 R9 SCOF ≥0.6		
Binder Content	ISO 10581	Type II		
Abrasion Resistance	EN 660-2	Group M		
Reaction to Fire	EN 13501-1 ASTM E648 ASTM E662 CAN/ULC S-102.2 AS ISO 9239-1	Class Bfl-S1 Class 1 <450 FSV < 300; SDV < 500 (2.0mm) >8.0 kW/m ²		
Static Electrical Propensity	EN 1815	≤2.0kV Classified as 'antistatic'		
Residual Indentation	ASTM F970 (Modified) ISO 24343-1	≤0.005" (750psi) (2.0mm) ≤0.10mm		
Castor Chair (continuous use)	ISO 4918 (EN 425)	Suitable		

Flexibility	ASTM F137	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 472
GreenTag	LCA Rate Gold Plus	GreenRate level A (2.0mm)
Generic EN 15804 EPD		Available
Recyclable		100%
Recycled Content		25%
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	4dB (2.0mm)

Maintenance Performance

	Standard	Result
Resistance to Chemicals	ISO 26987 (EN 423) ASTM F925	Good resistance Good resistance
Alco Hand Gels	Compatible for use with most commonly used alco-based hand gels	
Steam Cleaning	Suitable for steam cleaning on a periodic basis	

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. Regular light maintenance is more cost-effective than periodic heavy maintenance and more beneficial to the floor covering.

Hygiene

	Standard	Result
Bacterial Resistance	ISO 846 Part C	Does not favour growth
Ease of Radioactive Decontamination	ISO 8690	Excellent



BS EN 14041



EN 14041

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RANGE SHADES

UK COLLECTION



Dolomite 3910 w/r 2500
NCS S 3020-Y20R LRV 41
■ +



Carnelian Beige 3890 w/r 5330
NCS S 1510-Y30R LRV 61
■ +



Pumice 3700 w/r 2650
NCS S 2000-N LRV 54
■ ■ +



Opal 3920 w/r 2670
NCS S 1020-Y10R LRV 60



Ruby 3840 w/r 2560
NCS S 3060-Y80R LRV 14



Sablee Beige 3900 w/r 2510
NCS S 4020-Y30R LRV 29
■ +



Rose Quartz 3870 w/r 3870
NCS S 2005-Y50R LRV 56



Porcelain 3880 w/r 3880
NCS S 1505-Y30R LRV 58
■ +



Amethyst 3780 w/r 3780
NCS S 3020-R50B LRV 36



Dark Sapphire 3820 w/r 2530
NCS S 5020-B30G LRV 18



Ironstone 3850 w/r 3850
NCS S 4040-Y70R LRV 18



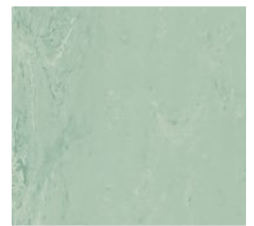
Citrine 3930 w/r 2660
NCS S 2030-Y20R LRV 46



Fossil 3710 w/r 3710
NCS S 3000-N LRV 41
■ ■ +



Flint 3720 w/r 3720
NCS S 5502-B LRV 25
■ ■ +



Peridot Green 3790 w/r 3790
NCS S 2010-B90G LRV 55



Blue Zircon 3760 w/r 8440
NCS S 4050-R80B LRV 11
■ +



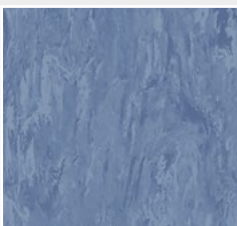
Blue Nickel 3730 w/r 5350
NCS S 3010-R90B LRV 39
■ +



Crystal Blue 3740 w/r 3740
NCS S 2030-R90B LRV 38
■ ■ +



Tanzanite Blue 3750 w/r 3750
NCS S 4040-R90B LRV 19
■ +



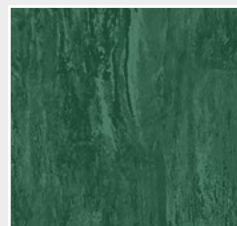
Azure 3770 w/r 3770
NCS S 4020-R80B LRV 26
■ +



Turquoise 3810 w/r 2610
NCS S 4010-B70G LRV 31



Connemara Green 3800 w/r 3800
NCS S 3030-G20Y LRV 35



Jade 3830 w/r 2520
NCS S 6020-G LRV 14