

Excellent homogeneous vinyl floorings solution for healthcare, education and various commercial sectors. Origin offers strong iodine and wear resistance.

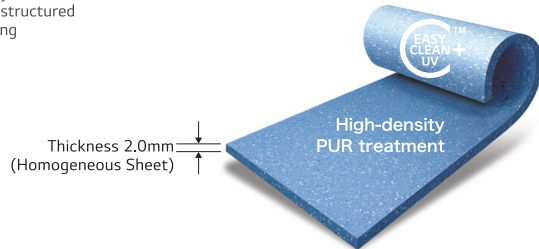


## Basic Construction

2.0mm x 2m x 20m/Roll



Highly-dense web-structured coating



## Design Competitiveness

- Therapeutic color selection and 3-stage marbling technique applied for mind comforting design.

## Features



### Easy Clean UV+ Surface Treatment

- Highly dense web-structured coating. Anti-scratch & anti-contamination. Easy cleaning and low maintenance cost.
- Highly density PUR surface treatment. Industry's best anti-bacterial and anti-iodine treatment.



### M Shield

- High intensity, high density, special surface treatment.
- Double surface coating provides excellent resistance.



### Phthalate & Heavy metal free

- Use %100 phthalate free plasticizers only.
- No hazardous ingredients used during production.



### Superior Durability

- Not easily worn out against heavy traffic.
- Wear resistance Group T (EN 660-2).



## Technical Data

Characteristic	Standard	Unit	Origin
Type of Flooring	EN ISO 10581	-	PVC Homogeneous Sheet
Surface Treatment	-	-	Easy Clean UV+ (PUR)
Overall Thickness	EN ISO 24346	mm	2.0
Weight	EN ISO 23997	g/m <sup>2</sup>	2.800
Classification	EN ISO 10874	Class	34/43
Wear Resistance	EN 660-2	-	Group T
Binder Content	EN ISO 10581	-	Type I
Roll Size	EN ISO 24341	m / m <sup>2</sup>	2 m x 20 m / 40 m <sup>2</sup>
Residual Indentation	EN ISO 24343-1	mm	≤ 0.1
Dimensional Stability	EN ISO 23999	%	≤ 0.4
Light Fastness	EN ISO 105-B02	-	≥ 6
Flexibility	EN ISO 24344	-	No Crack
Furniture Leg Resistance	EN 424	-	No Crack, No Damage
Castor Chair Resistance	EN ISO 4918	-	No Change
Reaction to Fire	EN 13501-1	-	Bfl - s1
Stain Resistance	EN ISO 26987	-	No Change
Slip Resistance	DIN 51130	-	R9
Dynamic Coefficient of Friction	EN 13893	-	Class DS
Acoustic Insulation	EN ISO 10140	dB	> 3
Electrical Resistance	EN 1081	ohm	≤ 10 <sup>10</sup>
Electrostatic Performance	EN 1815	kV	≤ 2
Thermal Resistance	EN 12667	m <sup>2</sup> .K/W	Approx 0.01
Underfloor Heating	-	-	Suitable, Max. 27 °C   80.6 °F
Formaldehyde Group	EN 717-1	-	E1
Phthalate Free	-	-	N.D
Heavy Metal Free	-	-	N.D
CE Marking	EN 14041:2004/AC:2006	-	DOP N° 20SMO-DOP-01
TVOC After 28 Days	ISO 16000-06	µg/m <sup>3</sup>	< 10
REACH	-	-	Contains no substance mentioned in the SHVC-list
<b>Warranty</b> (Guarantee for manufacturing defects and wear-out*)	-	Commercial	10 Years

\* Warranty is valid only when installed in accordance with LG Hausys's Installation & Maintenance guide.