

# Essence Rigid 30-55

## Datasheet

	Norm	Essence Rigid 30	Essence Rigid 55
<b>Classification</b>			
Domestic classification	EN ISO 10874	31 Moderate	23 Heavy
Commercial classification	EN ISO 10874	31 Moderate	33 Heavy
<b>Technical Characteristics</b>			
Total thickness	EN ISO 24346		5 mm
Wear layer thickness	EN ISO 24340	0,30 mm	0,55 mm
Total weight	EN ISO 23997	8150 g/m <sup>2</sup>	8100 g/m <sup>2</sup>
Binder content	EN ISO 10582		Type I
Surface treatment			PU Mat
Bevelled edges			4 sides micro levels
Installation method			Click
<b>Performance for CE Marking</b>			
Declaration of Performance #	EN 14041	0197-0060-DoP-2023-02	
<b>Technical Performance</b>			
Dimensional stability	EN ISO 23999	≤ 0,15 %	
Curl resultant to heat	EN ISO 23999	≤  1  mm	
Reaction to fire	EN 13501-1	Bfl-s1	
Residual indentation	EN ISO 24343-1	≤ 0,10 mm	
Impact sound reduction - ΔL <sub>w</sub>	EN ISO 717-2	15 dB	
Reduction of in-room impact noise	NF S31-074	Class C (≤ 85 dB)	
Thermal resistance	EN ISO 10456	0,05 m <sup>2</sup> ·K/W	
Light fastness	EN ISO 105-B02	≥ 6	
Chemical resistance	EN ISO 26987	Good resistance	
Slip resistance	EN 13893	Class DS (μ ≥ 0,30)	
Peeling Resistance	EN ISO 24345	≥ 50N/50mm	
Underfloor heating		Suitable (subfloor temperature maximum 27°C)	
<b>Sustainability performances</b>			
Recyclability through ReStart®		Recyclable	
Recycled content	ISO 14021	30 %	
Carbon Footprint (Cradle-to-Gate, EPD Modules A1-A3)		8,62 kg CO <sub>2</sub> eq /m <sup>2</sup>	
Total Carbon Footprint (EPD Modules A-D, incl. recycling scenario)		5,04 kg CO <sub>2</sub> eq /m <sup>2</sup>	
Total VOC Emissions (after 28 days)	EN 16516	Platinum (≤ 10 μg/m <sup>3</sup> )	
<b>Dimensions and designs</b>			
Plank		Plank 1200 x 200,5mm - 9 planks=2,17 m <sup>2</sup> /box - 48 boxes/pallet	
Tile		Tile 640 x 320mm - 11 tiles=2,25 m <sup>2</sup> /box - 44 boxes/pallet	
Number of designs available		10	10

