

Sustainability Data Sheet

Format:	Gluedown
Thickness:	2.0 mm
Wear layer:	0.3 mm

Manufacturing

Manufacturing location:	China, Taiwan
Supply chain transparency:	2024 SMETA 4 pillar audit completed through SEDEX
Renewable energy used:	Up to 30% of power generated through renewables on site
Pre-consumer recycled content:	Up to 50% in the backing layer
Ortho-phthalate free:	Yes

Sedex SEDEX audits manufacturing sites on Labour Standards, Health & Safety, Environmental Performance, and Business Ethics. We prioritise transparency and accountability beyond legal compliance.



An internationally agreed standard that defines requirements for systems to manage, monitor and control our use of resource and waste.

Installation

Stock location:	Evesham, England
Adhesives:	Low VOC, waterbased and solvent-free adhesives are available
Packaging:	Primary Packaging: Cardboard, 100% recyclable Tertiary Packaging: Wood pallets, plastic wrapping and banding
Installation waste:	Clean offcuts can be recycled at specific recycling plants

FloorScore certified:
Sets the standard for air quality



Eurofins Indoor Air Comfort Gold:
Awarded to products with low VOC emissions





Leadership in Energy and Environment Design (LEED):



Knight Tile gluedown qualifies for the below LEED credits:

Building Type	LEED Credit Description
NC (New Construction)	EQ4.3 Low Emitting Products - Flooring Systems
EB (Existing Buildings)	MR3. Sustainable Purchasing - Facility Alterations
H (Home)	MR2. Environmentally Preferable Products

Building Research Establishment Environmental Assessment Method (BREEAM):



Knight Tile gluedown holds the below generic ratings within the BRE Global Green Guide to Specification.

Sector	Element Reference	Rating
Education	821570066	A+
Domestic	821570066	A

End-of-life

Guarantee:	Residential: Lifetime Commercial: 10 years
Recyclable:	Not currently
Reusable:	No

Environment Product Declaration Data - Global Warming Potential (GWP)

	PRODUCT			CONSTRUCTION PROCESS		USE		END-OF-LIFE	
	A1	A2	A3	A4	A5	B2	B4*	C2	C4
Life cycle	Raw material extraction and processing	Transport to manufacturer	Manufacturing	Transport	Construction - installation	Maintenance	Replacement	Transport	Disposal
CML-IA GWP (kg CO² eq)	4.81	0.0727	4.03	0.856	0.129	0.562	13.8	0.147	1.45
Subtotals	8.913			0.985		14.362		1.597	

* Calculated over a 75-year period, in accordance with the relevant Product Category Rules (PCRs).

Above data has been extracted from the EPD, please refer to the full EPD for further information at karndeancommercial.com/eco.

