

Forbo Environmental Data Sheet

Product name	Eternal de Luxe Decibel
Product description	Forbo's Eternal collection of general purpose sheet vinyl is a heterogeneous expanded (cushioned) polyvinyl chloride floor covering complying with all the requirements of EN 653
Manufacturing location	Coevorden, Netherlands
Site accreditation	ISO14001, ISO 9001, SA8000®






Our footprint – how it's made

Environmental data

Total recycled content of product by weight	17%
Post industrial recycled content	17%
Post consumer recycled content	0%
% renewable electricity used	100%

Independent assessment and rating

ISO 9001 Quality Management System	
ISO 14001 Environmental Management System	
Eternal is made in a facility certified to SA8000®	

Carbon footprint

Estimated carbon footprint using data from Environmental product declaration according to ISO 14025	Raw materials and production	7.52 kg CO ₂ eq/m ²
	Use (1 year)	0.32 kg CO ₂ eq/m ²

Your footsteps – how it performs

Health and well being

AgBB/DiBT	Pass
CHPS 01350	Eternal products comply to 01350 indoor air quality standard
Phthalates	Phthalate-free

Installation

Recommended adhesives	Recommended adhesive for the Eternal collection is Eurosafe Special 540, a solvent free adhesive. Where contribution to credits for BREEAM sections HEA2 and HEA9 are required then low emission adhesive Eurocol 640 Eurostar special should be used.
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Maintenance

Eternal project vinyl collections are easy to clean and maintain, thanks to their smooth and highly durable PUR pearl and PUR coated surface

End of life

Can be recycled or used in waste to energy application

Contribution to Green Building Schemes

BREEAM

BREEAM ratings (generic)	Building Type				Retail (Durability)	Retail (Fashion)
Eternal de Luxe Decibel - PVC floor covering with a foam layer (EN649)	Office	Education	Health	Domestic	A	A+
	A	A+	A+	A	A	A+

Ska scheme (RICS)

M12 soft floor covering criteria	(Ska Offices Vs 1.2 2013) Meets	(Ska Retail Vs 1.0 2012) Meets	(Ska Higher Education Vs 1.0 2016) Meets
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LEED (version 4)

Potential direct or indirect contribution to following categories and credits:	Materials and Resources	Building product disclosure and optimisation - EPD up to 2 points
		Building product disclosure and optimisation - sourcing of raw materials - up to 1 point
		Construction and demolition waste management up to 2 points
	Indoor environmental quality	Low emitting materials up to 3 points
		Acoustic performance up to 1 point

Forbo design principles (Reduce, Recycle, Reuse, Renew)

Reduce	Environmental impact on printed layer is reduced through use of water based inks
Reuse	Optimisation of scrap reuse process enables more waste to be reprocessed
Recycle	Calendered layer contains a minimum of 71% of recycled production waste. Installation waste can be recycled at our plant in Ripley, Derbyshire, back into other Forbo products with our Back to the Floor scheme. Eternal is 100% recyclable.
Renew	100% of the electricity used is from a renewable source