

## Forbo Environmental Data Sheet

Product name	Eternal de Luxe Decibel
Product description	Forbo's Eternal collection of acoustic 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 <sub>2</sub> eq/m <sup>2</sup>
	Use (1 year)	0.32 kg CO <sub>2</sub> eq/m <sup>2</sup>

### 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
Impact sound reduction	17 dB

#### Installation

Recommended adhesives	Recommended adhesive for the Eternal collection is Eurosafe Special 540, a <b>solvent free</b> 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)	Commercial	Education	Health	Domestic	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:	<b>Materials and Resources</b>	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
	<b>Indoor environmental quality</b>	Low emitting materials up to 3 points
		Acoustic performance up to 1 point

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

<b>Reduce</b>	Environmental impact on printed layer is reduced through use of water based inks
<b>Reuse</b>	Optimisation of scrap reuse process enables more waste to be reprocessed
<b>Recycle</b>	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.
<b>Renew</b>	100% of the electricity used is from a renewable source