

**Appendix to Certificate of Approval**

Appendix Number: ENP461bx      Issue: 1

**IVC BVBA**  
 Nijverheidslaan 29  
 8580 Avelgem  
 Belgium



**Characterised and normalised data for:**

**Floor Finishes: Soft floor coverings**  
 IVC Vinyl Flooring - (Moduleo 55, Moduleo Transform, Moduleo Impress, Ultimo) total weight 4,041 g/m<sup>2</sup>  
 1 m<sup>2</sup> over 60-year study period

**Quality of data for profiled material**

Start date	01/01/2017
End Date	31/12/2017
Representativeness	1 site representing 100% production
LCA Methodology	BRE Environmental Profiles Methodology 2008
Allocation	100% to product
Date of data entry	09/09/2019
Boundary	Cradle to Grave over 60-year study period
Applicable buildings	Education
Source of data	Company records
Geography	BE

(Data for other constituent materials are available from BRE Global)

**BRE Ecopoints score: 0.223 Ecopoints**

This certificate appendix is maintained and held in force through annual review and verification.

Signed for BRE Global Ltd.

John Holden  
 Business Group Manager

08 October 2019  
 Date of Issue

07 October 2022  
 Expiry Date



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### IVC BVBA

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### Floor Finishes: Soft floor coverings

IVC Vinyl Flooring - (Moduleo 55, Moduleo Transform, Moduleo Impress, Ultimo) total weight 4,041 g/m<sup>2</sup>  
**1 m<sup>2</sup> over 60-year study period**

### Characterised Data

Issue	Value	Unit
Climate Change	41.5	kg CO <sub>2</sub> eq. (100 yr.)
Water Extraction	0.692	m <sup>3</sup>
Mineral Resource Extraction	0.0112	tonnes
Stratospheric Ozone Depletion	0.0000713	kg CFC11 eq.
Human Toxicity	10.6	kg 1,4-DB eq.
Ecotoxicity to Freshwater	0.87	kg 1,4-DB eq.
Nuclear Waste (higher level)	0.000000179	m <sup>3</sup> high level waste
Ecotoxicity to Land	0.111	kg 1,4-DB eq.
Waste Disposal	14.6	kg
Fossil Fuel Depletion	825	MJ
Eutrophication	0.0161	kg PO <sub>4</sub> eq.
Photochemical Ozone Creation	0.0329	kg ethene eq.
Acidification	0.159	kg SO <sub>2</sub> eq.

### Normalised data

Issue	Value	Western European Citizen's Annual Impacts
Climate Change	0.00337	12300 kg CO <sub>2</sub> eq. (100 yr.)
Water Extraction	0.00183	378 m <sup>3</sup>
Mineral Resource Extraction	0.00046	24.4 tonnes
Stratospheric Ozone Depletion	0.000328	0.217 kg CFC11 eq.
Human Toxicity	0.000535	19700 kg 1,4-DB eq.
Ecotoxicity to Freshwater	0.000661	1320 kg 1,4-DB eq.
Nuclear Waste (higher level)	0.00753	2.37 x 10 <sup>-5</sup> m <sup>3</sup> high level waste
Ecotoxicity to Land	0.000905	123 kg 1,4-DB eq.
Waste Disposal	0.00388	3750 kg
Fossil Fuel Depletion	0.00303	273 GJ
Eutrophication	0.000494	32.5 kg PO <sub>4</sub> eq.
Photochemical Ozone Creation	0.00153	21.5 kg ethene eq.
Acidification	0.00223	71.2 kg SO <sub>2</sub> eq.

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