

## Certificate of Approval

Certificate Number: ENP428

Issue: 5

**modulyss®**

Having complied with the requirements of:

### Environmental Profile

**BRE Global Scheme Document SD028**

and

**BRE Methodology for Environmental Profile of Construction Products SD6050**

is authorised to use the BRE Global Certification Mark on the following product(s) and associated stationery and publications:

#### Head Office Address

Zevensterrestraat 21  
B-9240 Zele  
Belgium

#### Production Sites

ITC  
Kanegemstraat 15, 8700  
Tielt  
Belgium

TAG Composites & Carpets  
GmbH  
Glockenspitz 36  
D-47800 Krefeld

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



Signed for BRE Global Ltd.

Emma Baker  
Scheme Manager

22 May 2017  
Date of Issue

05 May 2018  
Expiry Date



This certificate and appendix remain the property of BRE Global Ltd and is issued subject to terms and conditions (for details visit [www.greenbooklive.com/terms](http://www.greenbooklive.com/terms)).

To check the validity of this certificate and appendix please visit [www.greenbooklive.com/check](http://www.greenbooklive.com/check), scan the QR Tag, or contact us.

BRE Global Ltd., Garston, Watford WD25 9XX.  
T: +44 (0)333 321 8811 E: [Enquiries@breglobal.com](mailto:Enquiries@breglobal.com)



## Appendix to Certificate No: ENP428

Issue: 5

modulyss®

### Product list

Description	Appendix Ref. for details
Affinity	ENP428/a.
Alternative 100	ENP428/b.
Black&	ENP428/c.
Cambridge	ENP428/d.
Color&	ENP428/e.
Connexion	ENP428/f.
Converse 100	ENP428/g.
ECO 100C	ENP428/h.
First	ENP428/i.
First Absolute	ENP428/j.
First Lines	ENP428/k.
First Stripes	ENP428/l.
First Waves	ENP428/m.
Gradient	ENP428/n.
In-groove	ENP428/o.
Line-up	ENP428/p.
Metallic	ENP428/q.
Millennium 100	ENP428/r.

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

Signed for BRE Global Ltd.

Emma Baker  
Scheme Manager

22 May 2017  
Date of Issue

05 May 2018  
Expiry Date



This certificate and appendix remain the property of BRE Global Ltd and is issued subject to terms and conditions (for details visit [www.greenbooklive.com/terms](http://www.greenbooklive.com/terms)).

To check the validity of this certificate and appendix please visit [www.greenbooklive.com/check](http://www.greenbooklive.com/check), scan the QR Tag, or contact us.

BRE Global Ltd., Garston, Watford WD25 9XX.  
T: +44 (0)333 321 8811 E: [Enquiries@breglobal.com](mailto:Enquiries@breglobal.com)



## Appendix to Certificate No: ENP428

Issue: 5

modulyss®

### Product list

Description	Appendix Ref. for details
Minimum 100	ENP428/s.
On-line 1&2	ENP428/t.
Perpetual	ENP428/u.
Reverse 100	ENP428/v.
Round-up	ENP428/w.
Shine-up	ENP428/x.
Step	ENP428/y.
Strepqes C	ENP428/z.
Strepqes L	ENP428/aa.
Uni	ENP428/ab.
Unique	ENP428/ac.
Color&	ENP428/ad.
Alpha	ENP428/ae.
C-Line	ENP428/af.
DSGN (Cloud, Track and Tweed)	ENP428/ag.
First Blocks	ENP428/ah.
First Radiant	ENP428/ai.
Mark-Up	ENP428/aj.

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

Signed for BRE Global Ltd.

Emma Baker  
Scheme Manager

22 May 2017  
Date of Issue

05 May 2018  
Expiry Date



This certificate and appendix remain the property of BRE Global Ltd and is issued subject to terms and conditions (for details visit [www.greenbooklive.com/terms](http://www.greenbooklive.com/terms)).

To check the validity of this certificate and appendix please visit [www.greenbooklive.com/check](http://www.greenbooklive.com/check), scan the QR Tag, or contact us.

BRE Global Ltd., Garston, Watford WD25 9XX.  
T: +44 (0)333 321 8811 E: [Enquiries@breglobal.com](mailto:Enquiries@breglobal.com)



## Appendix to Certificate No: ENP428

Issue: 5

modulyss®

### Product list

Description	Appendix Ref. for details
Pure Air 100	ENP428/ak.
Patchwork, Pattern & Pixel	ENP428/al.
Opposite & Opposite Lines	ENP428/am.
Leaf, Moss & Willow	ENP428/an.
Grind	ENP428/ao.
Fashion&	ENP428/ap.

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



Signed for BRE Global Ltd.

Emma Baker  
Scheme Manager

22 May 2017  
Date of Issue

05 May 2018  
Expiry Date



This certificate and appendix remain the property of BRE Global Ltd and is issued subject to terms and conditions (for details visit [www.greenbooklive.com/terms](http://www.greenbooklive.com/terms)).

To check the validity of this certificate and appendix please visit [www.greenbooklive.com/check](http://www.greenbooklive.com/check), scan the QR Tag, or contact us.

BRE Global Ltd., Garston, Watford WD25 9XX.  
T: +44 (0)333 321 8811 E: [Enquiries@breglobal.com](mailto:Enquiries@breglobal.com)



## Appendix to Certificate of Approval

Appendix Number: ENP428an Issue: 1

**modulyss®**

Zevensterrestraat 21  
B-9240 Zele  
Belgium

Characterised and normalised data for:

### Floor Finishes: Soft floor coverings

modulyss® Leaf, Moss & Willow Carpet Tile - 100% recycled PA6 tufted loop, pile weight 880 g/m<sup>2</sup>, bitumen backing, total weight 4,600 g/m<sup>2</sup>

1 m<sup>2</sup> over 60-year study period

#### Quality of data for profiled material

Start date	01/07/2015
End Date	30/06/2016
Representativeness	1 site representing 100% production
LCA Methodology	BRE Environmental Profiles Methodology 2008
Allocation	100% to product
Date of data entry	15/05/2017
Boundary	Cradle to Grave over 60-year study period
Applicable buildings	Commercial
Source of data	Company records
Geography	BE

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

#### BRE Ecopoints score: 0.27 Ecopoints

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

Signed for BRE Global Ltd.

Emma Baker  
Scheme Manager

22 May 2017  
Date of Issue

05 May 2018  
Expiry Date



This certificate appendix remains the property of BRE Global Ltd and is issued subject to terms and conditions (for details visit [www.greenbooklive.com/terms](http://www.greenbooklive.com/terms)).

To check the validity of this certificate please visit [www.greenbooklive.com/check](http://www.greenbooklive.com/check), scan the QR Tag, or contact us.

BRE Global Ltd., Garston, Watford WD25 9XX.  
T: +44 (0)333 321 8811 E: [Enquiries@breglobal.com](mailto:Enquiries@breglobal.com)



## Appendix No: ENP428an

Issue: 1

### modulyss®

Zevensterrestraat 21  
B-9240 Zele  
Belgium

### Floor Finishes: Soft floor coverings

modulyss® Leaf, Moss & Willow Carpet Tile - 100% recycled PA6 tufted loop, pile weight 880 g/m<sup>2</sup>, bitumen backing, total weight 4,600 g/m<sup>2</sup>

1 m<sup>2</sup> over 60-year study period

### Characterised Data

Issue	Value	Unit
Climate Change	48.7	kg CO <sub>2</sub> eq. (100 yr.)
Water Extraction	0.989	m <sup>3</sup>
Mineral Resource Extraction	0.0214	tonnes
Stratospheric Ozone Depletion	0.0000636	kg CFC11 eq.
Human Toxicity	13.6	kg 1,4-DB eq.
Ecotoxicity to Freshwater	2.85	kg 1,4-DB eq.
Nuclear Waste (higher level)	0.000000119	m <sup>3</sup> high level waste
Ecotoxicity to Land	0.138	kg 1,4-DB eq.
Waste Disposal	25.2	kg
Fossil Fuel Depletion	1010	MJ
Eutrophication	0.0416	kg PO <sub>4</sub> eq.
Photochemical Ozone Creation	0.0352	kg ethene eq.
Acidification	0.246	kg SO <sub>2</sub> eq.

### Normalised data

Issue	Value	Western European Citizen's Annual Impacts
Climate Change	0.00396	12300 kg CO <sub>2</sub> eq. (100 yr.)
Water Extraction	0.00262	378 m <sup>3</sup>
Mineral Resource Extraction	0.000877	24.4 tonnes
Stratospheric Ozone Depletion	0.000293	0.217 kg CFC11 eq.
Human Toxicity	0.000691	19700 kg 1,4-DB eq.
Ecotoxicity to Freshwater	0.00217	1320 kg 1,4-DB eq.
Nuclear Waste (higher level)	0.00501	2.37 x 10 <sup>-5</sup> m <sup>3</sup> high level waste
Ecotoxicity to Land	0.00112	123 kg 1,4-DB eq.
Waste Disposal	0.00671	3750 kg
Fossil Fuel Depletion	0.0037	273 GJ
Eutrophication	0.00128	32.5 kg PO <sub>4</sub> eq.
Photochemical Ozone Creation	0.00163	21.5 kg ethene eq.
Acidification	0.00346	71.2 kg SO <sub>2</sub> eq.

**BRE Ecopoints score: 0.27 Ecopoints**

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

Signed for BRE Global Ltd.

Emma Baker  
Scheme Manager

22 May 2017  
Date of Issue

05 May 2018  
Expiry Date



This certificate appendix remains the property of BRE Global Ltd and is issued subject to terms and conditions (for details visit [www.greenbooklive.com/terms](http://www.greenbooklive.com/terms)).

To check the validity of this certificate please visit [www.greenbooklive.com/check](http://www.greenbooklive.com/check), scan the QR Tag, or contact us.

BRE Global Ltd., Garston, Watford WD25 9XX.  
T: +44 (0)333 321 8811 E: [Enquiries@breglobal.com](mailto:Enquiries@breglobal.com)

