# Appendix to Certificate of Approval

Appendix Number: ENP532b Issue: 1

**CFS**
**Unit 3, Arrow Valley**
**54 Claybrook Drive**
**Redditch**
**B98 0FY**

## Characterised and normalised data for:

## Floor Finishes: Soft floor coverings

**CFS Citywalk PA6 tufted loop pile, 850 g/m2 pile weight, bitumen backed carpet tile, total weight 4450 g/m2**

**1 m² over 60-year study period**

| Quality of data for profiled material | |
|---|---|
| Start date | 01/01/2014 |
| End Date | 30/03/2015 |
| Representativeness | 1 site representing 100% production |
| LCA Methodology | BRE Environmental Profiles Methodology 2008 |
| Allocation | 100% to product |
| Date of data entry | 08/08/2017 |
| Boundary | Cradle to Grave over 60-year study period |
| Applicable buildings | Retail (replacement by fashion) |
| Source of data | Company records |
| Geography | UK/UAE |

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

**BRE Ecopoints score: 0.491 Ecopoints**

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

| Signed for BRE Global Ltd. | Emma Baker<br>Scheme Manager | 11 September 2017<br>Date of Issue | 31 January 2019<br>Expiry Date |
|---|---|---|---|

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Issue: 1

## CFS

Unit 3, Arrow Valley
54 Claybrook Drive
Redditch
B98 0FY

**Floor Finishes: Soft floor coverings**
CFS Citywalk PA6 tufted loop pile, 850 g/m2 pile weight, bitumen backed carpet tile, total weight 4450 g/m2
**1 $m^2$ over 60-year study period**

## Characterised Data

| Issue | Value | Unit |
|---|---|---|
| Climate Change | 127 | kg $CO_{2\ eq.}$ (100 yr.) |
| Water Extraction | 1.14 | $m^3$ |
| Mineral Resource Extraction | 0.0321 | tonnes |
| Stratospheric Ozone Depletion | 0.000145 | kg CFC11 $_{eq.}$ |
| Human Toxicity | 16.3 | kg 1,4-DB $_{eq.}$ |
| Ecotoxicity to Freshwater | 2.2 | kg 1,4-DB $_{eq.}$ |
| Nuclear Waste (higher level) | 0.000000133 | $m^3$ high level waste |
| Ecotoxicity to Land | 0.165 | kg 1,4-DB $_{eq.}$ |
| Waste Disposal | 48.5 | kg |
| Fossil Fuel Depletion | 2160 | MJ |
| Eutrophication | 0.0796 | kg $PO_{4\ eq.}$ |
| Photochemical Ozone Creation | 0.0856 | kg ethene $_{eq.}$ |
| Acidification | 0.755 | kg $SO_{2\ eq.}$ |

## Normalised data

| Issue | Value | Western European Citizen's Annual Impacts |
|---|---|---|
| Climate Change | 0.0104 | 12300 kg $CO_{2\ eq.}$ (100 yr.) |
| Water Extraction | 0.00302 | 378 $m^3$ |
| Mineral Resource Extraction | 0.00132 | 24.4 tonnes |
| Stratospheric Ozone Depletion | 0.000667 | 0.217 kg CFC11 $_{eq.}$ |
| Human Toxicity | 0.000827 | 19700 kg 1,4-DB $_{eq.}$ |
| Ecotoxicity to Freshwater | 0.00167 | 1320 kg 1,4-DB $_{eq.}$ |
| Nuclear Waste (higher level) | 0.0056 | $2.37 \times 10^{-5}$ $m^3$ high level waste |
| Ecotoxicity to Land | 0.00134 | 123 kg 1,4-DB $_{eq.}$ |
| Waste Disposal | 0.0129 | 3750 kg |
| Fossil Fuel Depletion | 0.00792 | 273 GJ |
| Eutrophication | 0.00245 | 32.5 kg $PO_{4\ eq.}$ |
| Photochemical Ozone Creation | 0.00397 | 21.5 kg ethene $_{eq.}$ |
| Acidification | 0.0106 | 71.2 kg $SO_{2\ eq.}$ |
| **BRE Ecopoints score: 0.491 Ecopoints** | | |

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