



POHL

Declaration to Access for the Evaluations Associated with Sustainability Certificates – specifically LEED Relevance

Dear Ladies and Gentlemen,

The material Speira 5005-K, Tectura ALFHA1™ - Sheets is covered by an Environmental Product Declaration (EPD) which provides all necessary data to consider. Owner of the certificate is GDA (Gesamtverband der Aluminiumindustrie e.V.) and Speira, as co-author and member is entitled to give the document to his customers. For the LEED assessment the EPD relates to the following 2 chapters

1. **Material & Resources**

Building Life-Cycle Impact Reduction

Option 4: Whole-Building Life-Cycle Assessment

2. **Material & Resources**

Building Product Disclosure and Optimization

Option 1: The EPD is conform to EN 15804 and a so-called industry-wide EPD

Moreover, Speira belongs to the world leading companies in the field of Corporate Social Responsibility CSR and Health Safety Environment HSE and is member, respectively listed in



**First Movers
Coalition**



Speira GmbH

P.O. Box /Postfach 95 02 52
 21112 Hamburg
 Address for Visitors
 Aluminiumstraße
 21129 Hamburg
 Deutschland

Internet:
www.speira.com

Telephone:
 +49 (0) 40 74011 -00
 Telefax
 +49 (0) 40 74011-247

Bank Account No.
 BNP Paribas S.A.
 Niederlassung Deutschland
 BLZ: 512 106 00
 BIC: BNPADEFF
 IBAN:
 DE 33 5121 0600 4220 5670 38

Registered Office
 Grevenbroich
 Commercial Register
 Mönchengladbach
 HRB 14011
 UID-NR: DE 812932051

Chairman of the
 Supervisory Board
 Einar Glomnes

Management Board
 Dr. Pascal Wagner (Spokesperson)
 Volker Backs



For the LEED assessment Speiras position relates to the chapter

3. Material & Resources

Building Product Disclosure and Optimization – Sourcing of Raw Materials

Option 1: Raw Material Source and Extraction Reporting

The opportunity of a cast house to make use of scrap depends on the overall product mix and the casting technology available. The Speira 5005-K alloy Tectura ALFHA1™ is mainly casted in Norway. Throughout the complete production, casting, hot rolling, cold rolling and cut to length operation we can confirm a **Carbon Footprint of max. 4,70kg CO2e/kg Al**. 4,00kg CO2e are related to the metal and 0,70kg CO2e are related to the production from slab to sheet.

For the LEED assessment Speiras position relates to the chapter

4. Material & Resources

Building Product Disclosure and Optimization – Sourcing of Raw Materials

Option 2: Leadership Extraction Practices

Summarizing the points addressed above

1. Material & Resources

Building Life-Cycle Impact Reduction

Option 4: Whole-Buildung Life-Cycle Assessment

2. Material & Resources

Building Product Disclosure and Optimization

Option 1: The EPD is conform to EN 15804 and a so-called industry-wide EPD

3. Material & Resources

Building Product Disclosure and Optimization – Sourcing of Raw Materials

Option 1: Raw Material Source and Extraction Reporting

4. Material & Resources

Building Product Disclosure and Optimization – Sourcing of Raw Materials

Option 2: Leadership Extraction Practices

and depending on the further overall conditions of the building the material Speira 5005-K, Tectura ALFHA1™ - sheets can contribute with min 1.5 – 2 points for the LEED criteria Material & Resources.

Yours faithfully,

Michael Rösner-Kuhn

Dr.-Ing. habil. Michael Rösner-Kuhn

Head – product technology & technical customer service

Head – laboratory and quality