

# Carbon Declaration

In accordance with ISO 14044, 14067, 21930 for:

## Materials/Resource Marketplace Exchange

from

**ASPIRE** (Valid to 1 August 2022)



### Avoided Materials Embodied Carbon

The “avoided embodied carbon” values represented in listings on the ASPIRE online matchmaking tool have been calculated using regionally relevant coefficients for the nominated product and material. The values expressed must be considered with a plus/minus 10% error margin – owing to the generic nature of some ASPIRE Resource categories.

The User of the “avoided” embodied carbon information may use and represent the disclosed total kilograms of CO<sub>2</sub>-e for the listed Resource as the estimate of the amount of embodied carbon emissions avoided through the use of a “waste” resource – defined in the listing.

The information of mitigation is provided "as is" and incorporates a variety of sources which are understood to be accurate and reliable but are subject to limitations expressed by other third party LCI data sources and therefore presented without warranties of any kind, either expressed or implied.

Further, it is the User’s (listing parties) responsibility to ensure that the appropriate “Resource” category, “Variant” and “Country of Origin” are selected to support a valid and representative mitigation value. Carbon coefficients may change without notice. It is ASPIRE’s responsibility to evaluate the accuracy, completeness and correct selection by the listing information provided.

This statement sets out the technical methods used in the preparation and presentation of the data and the mitigation values represented.

This statement has been prepared by:  
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## Company information

Owner of the Declaration: Advisory System for Process Innovation and Resource Exchange PTY LTD (ASPIRE)

Description of the organisation: ASPIRE is an online matchmaking tool using innovative software, for material resource exchange that would otherwise be discarded, by bringing different parties together to exchange value. As an impact organisation, it identifies opportunities and connect businesses to turn circular economy behaviours into practical realities by:

- Reducing costs associated with waste disposal
- Earn money with a new revenue stream
- Save on CO2 emissions using localised solutions.

Name and location of production site: As noted by the seller / listing party.

## Product information

Product name: Multiple products listed

Product description: The materials listed on the ASPIRE platform take a variety of forms – the core intent is to re-sell and or exchange construction materials and products between a disposing party and a re-use party.

Geographical scope: Australia / UK / Hong Kong

## References

ISO Standard 14044 / 67: ISO Standard 21930: RiCS, 2017 Best Practice Embodied Carbon Assessment.

## LCA information

Functional unit / declared unit: 1 kg / 1 Tonne

Reference service life: N/A ( )

Time representativeness: Primary data representative of studies completed at or after 2018/2020

Database(s) and LCA software used: The Footprint Company's proprietary LCI database, ICE database, IE Lab EEIO, EPiC database, ICE2019 (adjusted to hybrid). A variety of other published validated datasets.

System diagram: Material Extraction, Transport and Product Manufacture, (A1-A3).

Description of system boundaries: Cradle to Gate (A1 – A3)

Where possible Hybrid LCA method and LCI are utilised which means direct and indirect embodied emissions are included and complete.

Excluded lifecycle stages: The carbon mitigation values represented by ASPIRE on the listing represent the complete A1-A3 embodied carbon avoided. Care must be exercised – and it must be noted that the Purchaser's carbon impact for transport and processing (where applicable) is not included. i.e the additional transport and reprocessing embodied carbon (A4 – A5) is not included in the values. These

must be calculated by the Purchaser and deducted from the "avoided" value shown to represent the full A1-A5 in a transparent manner.

Carbon Product Declaration prepared by The Footprint Company on behalf of ASPIRE. [info@footprintcompany.com.au](mailto:info@footprintcompany.com.au)

Declaration based on material quantities by weight, with reasonable level of accuracy (+/- 10% on stated values). Materials carbon data comes from a variety of countries based on the LCI information available at the time of the listing. Any variations to this information may have a significant impact on the embodied carbon values expressed in this document. TFC assumes no liability whatsoever in connection to its accuracy beyond the limits stated and in no event shall TFC and its related, affiliated and subsidiary companies be liable for any direct, indirect, special, incidental or consequential damages arising out of the use of any opinion or information expressly or implicitly contained in this publication.