

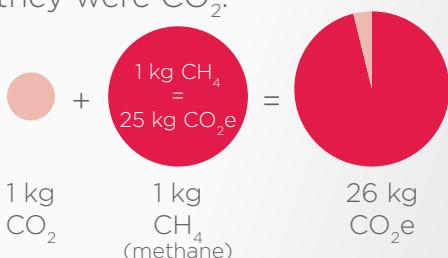
# carbon data

## help sheet

### unit

$\text{CO}_2\text{e}$

**CO<sub>2</sub> equivalents** show the global warming potential of all greenhouse gasses as if they were CO<sub>2</sub>.



### scope

#### A1-A3 cradle-to-gate

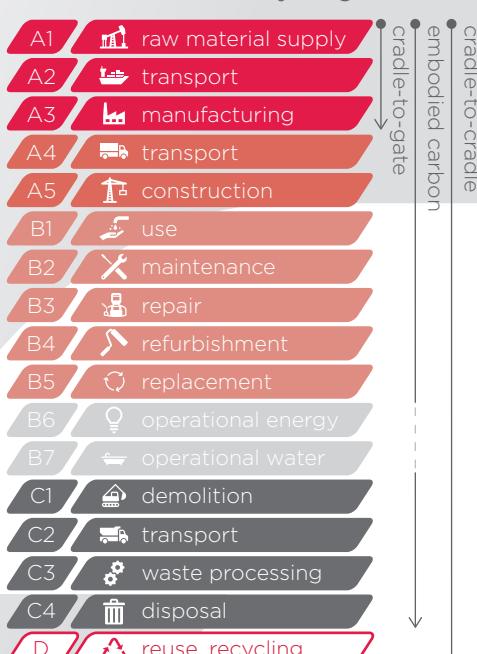
emissions of raw materials, transport to factory and manufacturing process

#### A-C embodied carbon

A1-A3 as well as transport to site, construction and end-of-life. Module B is not applicable to our products.

#### A-D cradle-to-cradle

A-C as well as benefits of reuse and recycling.



### documents

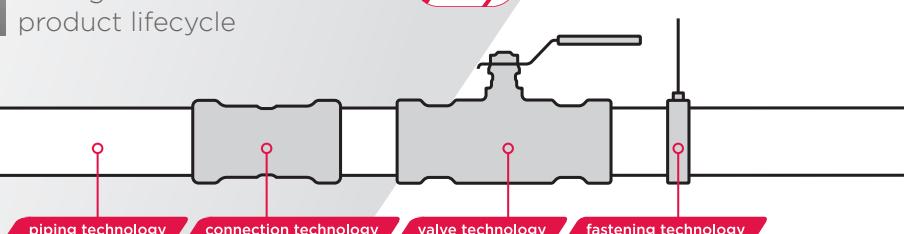
**TM65** Internationally applicable methodology\* to calculate embodied carbon. Relies on basic material information.

**LCA life cycle assessment** Full report according to ISO 140040/44. Contains sensitive information and is used by manufacturers to improve their products.

**EPD** Verified summary of an LCA according to product category rules showing multiple environmental impacts through the whole product lifecycle



Embodied carbon values (A-C) are included in our Revit plug-in as BIM data.



more information about our product, see [www.aalberts-ips.eu](http://www.aalberts-ips.eu) or contact customer service  
+31 (0)35 68 84 330 / [salessupport@aalberts-ips.com](mailto:salessupport@aalberts-ips.com)

\*CIBSE. (2021). Embodied carbon in building services: a calculation methodology CIBSE TM65: 2021



our  
sustainable  
spirit



reduce



rethink



recycle

Aalberts integrated piping systems has performed Life Cycle Assessments to measure the environmental impact of our products. The methods are standardised, internationally recognised (ISO 14040, ISO 14044 & EN 15804+A2) and assisted by professional programs and data (Ecochain & Ecoinvent).

Our Environmental Product Declarations are derived from both our in-house LCAs and those provided by our suppliers. We rigorously review supplier LCAs to ensure they meet our standards.