



# Environmental product declaration

according to ISO 14025 and EN 15804

**wiesner hager** concept

Table for public areas, acc. to EN 15372 and EN 1730

f.t.s. Folding table rectangular

- ✓ CRITERION 1: ISO 14025 TYPE III
- ✓ CRITERION 2: BASED ON ISO 14049
- ✓ CRITERION 3: BASED ON ISO 14044





## Environmental Product Declaration

### EPD

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                            |
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| Wiesner-Hager Möbel GmbH<br>Linzer Straße 22<br>A-4950 Altheim<br>Tel. 0043 7723 460-0<br><a href="http://www.wiesner-hager.com/en/">http://www.wiesner-hager.com/en/</a>                                                                                                                                                                                                                                                                                                                                                         | <b>Manufacturer<br/>Declaration holder</b> |
| TA 22012 1634 3961-832 03297740490                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>EPD number</b>                          |
| 3961-832 f.t.s. folding tables<br>f.t.s. Folding table rectangular                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Declared product</b>                    |
| This declaration was compiled according to ISO 14025 and EN 15804 type B. It describes the environmental rating of the listed product and gives the possibility to compare it with other similar products.                                                                                                                                                                                                                                                                                                                        | <b>Purpose</b>                             |
| The content of this declaration is based on the results of the operational life cycle assessment, according to EN ISO 14040/44 of the fiscal year 2023/24. The used generic data comes from acknowledged life cycle management databases and current EPD's of the declaration holders upstream products and are calculated using the CML method.<br><a href="https://www.wiesner-hager.com/en/about-us/sustainability/life-cycle-assessment/">https://www.wiesner-hager.com/en/about-us/sustainability/life-cycle-assessment/</a> | <b>Data origin</b>                         |
| The procedure to compile this declaration was audited on 14 th September 2023 by TÜV Austria GmbH.                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Auditing</b>                            |
| Dipl.-Ing. Dr. Jürgen Hain, TÜV Austria GmbH, Wien                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Auditor</b>                             |
| By means of the certificate TA 22012 1634 from 26 th September 2023, TÜV Austria GmbH authorizes the declaration holder to generate EPD type III.<br><a href="#">Download certificate</a>                                                                                                                                                                                                                                                                                                                                         | <b>Certification</b>                       |
| The certificate is valid until 30 th September 2026. The compliance of the requirements will be ensured by annual, internal and external evaluations.                                                                                                                                                                                                                                                                                                                                                                             | <b>Validity</b>                            |
| Andreas Hajek, Dipl.-Ing., environmental officer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Issuer</b>                              |
| 24. September 2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Date of issue</b>                       |

| <p>This declaration includes</p> <ul style="list-style-type: none"><li>- Pictures, descriptions and fulfilled standards</li><li>- Information about life cycle assessment</li><li>- Specific characteristics of the product configuration</li><li>- Indicators of the life cycle and impact assessment</li><li>- Details on the material composition of the product</li><li>- Information about material certificates of the used raw materials</li><li>- Recycling potentials</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Content</b>                                           |                   |          |    |                                    |     |    |                                                          |     |    |                                  |     |    |                                 |    |    |                                                  |     |    |                                  |     |    |                         |    |    |             |    |    |        |    |    |            |    |    |            |    |    |                                                     |    |    |                                                    |    |    |            |    |    |                                   |     |    |                 |     |    |             |     |   |                     |     |                          |
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| <p>The assessment of the declared product covers the whole lifecycle process from raw materials, manufacturing and disposal, including all transportation. The anticipated lifespan of the product is 15 years, assuming the product is used in line with the manufacturer's guidance and for the application it was designed and intended. As a result of the high product quality, no repairs are expected during the lifetime and no environmental impact is anticipated. All recycling is carried out in line with European standards. Component parts are separated and recycled accordingly and any remaining waste material is incinerated under strict controls for the generation of energy. All transport distances including those of our suppliers and subcontractors are considered; all distances are calculated using route planning software. The distance between the declaration holder and the end user is 1000 km, the average distance between the end user and the waste management company is calculated at 50 km.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Investigation frame</b>                               |                   |          |    |                                    |     |    |                                                          |     |    |                                  |     |    |                                 |    |    |                                                  |     |    |                                  |     |    |                         |    |    |             |    |    |        |    |    |            |    |    |            |    |    |                                                     |    |    |                                                    |    |    |            |    |    |                                   |     |    |                 |     |    |             |     |   |                     |     |                          |
| <p>The standard EN 15804 describes the basic rules for the preparation of environmental product declarations for building materials. Furniture are still irrelevant for sustainability certifications of buildings, however we try to assign the high transparency of this standard to our furniture as far as possible. The following lifecycles are considered in this document:</p> <table><tr><th>Phase</th><th>Name of lifecycle</th><th>relevant</th></tr><tr><td>A1</td><td>raw material supply and processing</td><td>yes</td></tr><tr><td>A2</td><td>transportation to the manufacturer of precursor products</td><td>yes</td></tr><tr><td>A3</td><td>production of precursor products</td><td>yes</td></tr><tr><td>A4</td><td>transportation to building site</td><td>no</td></tr><tr><td>A4</td><td>transportation of the product to the end user *)</td><td>yes</td></tr><tr><td>A5</td><td>manufacturing of the product **)</td><td>yes</td></tr><tr><td>B1</td><td>use of the product ***)</td><td>no</td></tr><tr><td>B2</td><td>maintenance</td><td>no</td></tr><tr><td>B3</td><td>repair</td><td>no</td></tr><tr><td>B4</td><td>substitute</td><td>no</td></tr><tr><td>B5</td><td>renovation</td><td>no</td></tr><tr><td>B6</td><td>energy consumption for technical building equipment</td><td>no</td></tr><tr><td>B7</td><td>water consumption for technical building equipment</td><td>no</td></tr><tr><td>C1</td><td>demolition</td><td>no</td></tr><tr><td>C2</td><td>transportation to waste treatment</td><td>yes</td></tr><tr><td>C3</td><td>waste treatment</td><td>yes</td></tr><tr><td>C4</td><td>landfilling</td><td>yes</td></tr><tr><td>D</td><td>recycling potential</td><td>yes</td></tr></table> <p>*) Acc. to EN 15804 the modul A4 describes the transport of the building materials to building site, here it stands for the transport of furniture to the end user</p> <p>**) Acc.to EN 15804 the modul A5 describes the installation of building materials into the building, here it stands for the manufacturing of the furniture at the factory</p> <p>***) The use of our furniture has no relevant environmental effects</p> | Phase                                                    | Name of lifecycle | relevant | A1 | raw material supply and processing | yes | A2 | transportation to the manufacturer of precursor products | yes | A3 | production of precursor products | yes | A4 | transportation to building site | no | A4 | transportation of the product to the end user *) | yes | A5 | manufacturing of the product **) | yes | B1 | use of the product ***) | no | B2 | maintenance | no | B3 | repair | no | B4 | substitute | no | B5 | renovation | no | B6 | energy consumption for technical building equipment | no | B7 | water consumption for technical building equipment | no | C1 | demolition | no | C2 | transportation to waste treatment | yes | C3 | waste treatment | yes | C4 | landfilling | yes | D | recycling potential | yes | <b>System boundaries</b> |
| Phase                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Name of lifecycle                                        | relevant          |          |    |                                    |     |    |                                                          |     |    |                                  |     |    |                                 |    |    |                                                  |     |    |                                  |     |    |                         |    |    |             |    |    |        |    |    |            |    |    |            |    |    |                                                     |    |    |                                                    |    |    |            |    |    |                                   |     |    |                 |     |    |             |     |   |                     |     |                          |
| A1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | raw material supply and processing                       | yes               |          |    |                                    |     |    |                                                          |     |    |                                  |     |    |                                 |    |    |                                                  |     |    |                                  |     |    |                         |    |    |             |    |    |        |    |    |            |    |    |            |    |    |                                                     |    |    |                                                    |    |    |            |    |    |                                   |     |    |                 |     |    |             |     |   |                     |     |                          |
| A2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | transportation to the manufacturer of precursor products | yes               |          |    |                                    |     |    |                                                          |     |    |                                  |     |    |                                 |    |    |                                                  |     |    |                                  |     |    |                         |    |    |             |    |    |        |    |    |            |    |    |            |    |    |                                                     |    |    |                                                    |    |    |            |    |    |                                   |     |    |                 |     |    |             |     |   |                     |     |                          |
| A3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | production of precursor products                         | yes               |          |    |                                    |     |    |                                                          |     |    |                                  |     |    |                                 |    |    |                                                  |     |    |                                  |     |    |                         |    |    |             |    |    |        |    |    |            |    |    |            |    |    |                                                     |    |    |                                                    |    |    |            |    |    |                                   |     |    |                 |     |    |             |     |   |                     |     |                          |
| A4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | transportation to building site                          | no                |          |    |                                    |     |    |                                                          |     |    |                                  |     |    |                                 |    |    |                                                  |     |    |                                  |     |    |                         |    |    |             |    |    |        |    |    |            |    |    |            |    |    |                                                     |    |    |                                                    |    |    |            |    |    |                                   |     |    |                 |     |    |             |     |   |                     |     |                          |
| A4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | transportation of the product to the end user *)         | yes               |          |    |                                    |     |    |                                                          |     |    |                                  |     |    |                                 |    |    |                                                  |     |    |                                  |     |    |                         |    |    |             |    |    |        |    |    |            |    |    |            |    |    |                                                     |    |    |                                                    |    |    |            |    |    |                                   |     |    |                 |     |    |             |     |   |                     |     |                          |
| A5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | manufacturing of the product **)                         | yes               |          |    |                                    |     |    |                                                          |     |    |                                  |     |    |                                 |    |    |                                                  |     |    |                                  |     |    |                         |    |    |             |    |    |        |    |    |            |    |    |            |    |    |                                                     |    |    |                                                    |    |    |            |    |    |                                   |     |    |                 |     |    |             |     |   |                     |     |                          |
| B1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | use of the product ***)                                  | no                |          |    |                                    |     |    |                                                          |     |    |                                  |     |    |                                 |    |    |                                                  |     |    |                                  |     |    |                         |    |    |             |    |    |        |    |    |            |    |    |            |    |    |                                                     |    |    |                                                    |    |    |            |    |    |                                   |     |    |                 |     |    |             |     |   |                     |     |                          |
| B2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | maintenance                                              | no                |          |    |                                    |     |    |                                                          |     |    |                                  |     |    |                                 |    |    |                                                  |     |    |                                  |     |    |                         |    |    |             |    |    |        |    |    |            |    |    |            |    |    |                                                     |    |    |                                                    |    |    |            |    |    |                                   |     |    |                 |     |    |             |     |   |                     |     |                          |
| B3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | repair                                                   | no                |          |    |                                    |     |    |                                                          |     |    |                                  |     |    |                                 |    |    |                                                  |     |    |                                  |     |    |                         |    |    |             |    |    |        |    |    |            |    |    |            |    |    |                                                     |    |    |                                                    |    |    |            |    |    |                                   |     |    |                 |     |    |             |     |   |                     |     |                          |
| B4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | substitute                                               | no                |          |    |                                    |     |    |                                                          |     |    |                                  |     |    |                                 |    |    |                                                  |     |    |                                  |     |    |                         |    |    |             |    |    |        |    |    |            |    |    |            |    |    |                                                     |    |    |                                                    |    |    |            |    |    |                                   |     |    |                 |     |    |             |     |   |                     |     |                          |
| B5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | renovation                                               | no                |          |    |                                    |     |    |                                                          |     |    |                                  |     |    |                                 |    |    |                                                  |     |    |                                  |     |    |                         |    |    |             |    |    |        |    |    |            |    |    |            |    |    |                                                     |    |    |                                                    |    |    |            |    |    |                                   |     |    |                 |     |    |             |     |   |                     |     |                          |
| B6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | energy consumption for technical building equipment      | no                |          |    |                                    |     |    |                                                          |     |    |                                  |     |    |                                 |    |    |                                                  |     |    |                                  |     |    |                         |    |    |             |    |    |        |    |    |            |    |    |            |    |    |                                                     |    |    |                                                    |    |    |            |    |    |                                   |     |    |                 |     |    |             |     |   |                     |     |                          |
| B7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | water consumption for technical building equipment       | no                |          |    |                                    |     |    |                                                          |     |    |                                  |     |    |                                 |    |    |                                                  |     |    |                                  |     |    |                         |    |    |             |    |    |        |    |    |            |    |    |            |    |    |                                                     |    |    |                                                    |    |    |            |    |    |                                   |     |    |                 |     |    |             |     |   |                     |     |                          |
| C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | demolition                                               | no                |          |    |                                    |     |    |                                                          |     |    |                                  |     |    |                                 |    |    |                                                  |     |    |                                  |     |    |                         |    |    |             |    |    |        |    |    |            |    |    |            |    |    |                                                     |    |    |                                                    |    |    |            |    |    |                                   |     |    |                 |     |    |             |     |   |                     |     |                          |
| C2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | transportation to waste treatment                        | yes               |          |    |                                    |     |    |                                                          |     |    |                                  |     |    |                                 |    |    |                                                  |     |    |                                  |     |    |                         |    |    |             |    |    |        |    |    |            |    |    |            |    |    |                                                     |    |    |                                                    |    |    |            |    |    |                                   |     |    |                 |     |    |             |     |   |                     |     |                          |
| C3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | waste treatment                                          | yes               |          |    |                                    |     |    |                                                          |     |    |                                  |     |    |                                 |    |    |                                                  |     |    |                                  |     |    |                         |    |    |             |    |    |        |    |    |            |    |    |            |    |    |                                                     |    |    |                                                    |    |    |            |    |    |                                   |     |    |                 |     |    |             |     |   |                     |     |                          |
| C4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | landfilling                                              | yes               |          |    |                                    |     |    |                                                          |     |    |                                  |     |    |                                 |    |    |                                                  |     |    |                                  |     |    |                         |    |    |             |    |    |        |    |    |            |    |    |            |    |    |                                                     |    |    |                                                    |    |    |            |    |    |                                   |     |    |                 |     |    |             |     |   |                     |     |                          |
| D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | recycling potential                                      | yes               |          |    |                                    |     |    |                                                          |     |    |                                  |     |    |                                 |    |    |                                                  |     |    |                                  |     |    |                         |    |    |             |    |    |        |    |    |            |    |    |            |    |    |                                                     |    |    |                                                    |    |    |            |    |    |                                   |     |    |                 |     |    |             |     |   |                     |     |                          |

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| The general information of the LCA refers to whole lifecycle, beginning with the raw material make, the manufacturing of the product until the disposal of <i>one</i> unit of the product with an anticipated lifespan of 15 years. But the division of impact factors with the masses of the product allows also a specific statement in mass.                                                                                                                                                                                                                                | <b>Functional unit</b>           |
| Table for public areas, acc. to EN 15372 and EN 1730                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Application</b>               |
| 3961-832 f.t.s. folding tables<br>f.t.s. Folding table rectangular - T-leg base                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Identification of product</b> |
| The convincing features of f.t.s. folding tables are their functionality, robustness and mobility. For example when used in seminar rooms, in canteens and common rooms, or in multifunctional halls. Depending on their application there are various frames available. T-leg tables, for examples, for banquets, training events, and seminars, or four-leg tables, which are particularly suitable for canteens, break rooms and common rooms because of their ample legroom to all sides. A wide range of table sizes permit a customised solution in each and every case. | <b>Description of product</b>    |
| size of top 80 x 160 cm; table top laminate (MFC); colour of table top D56 white; colour of metal 55 eloxal silver; leg finish plastic glides, adjustable                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Configuration of</b>          |

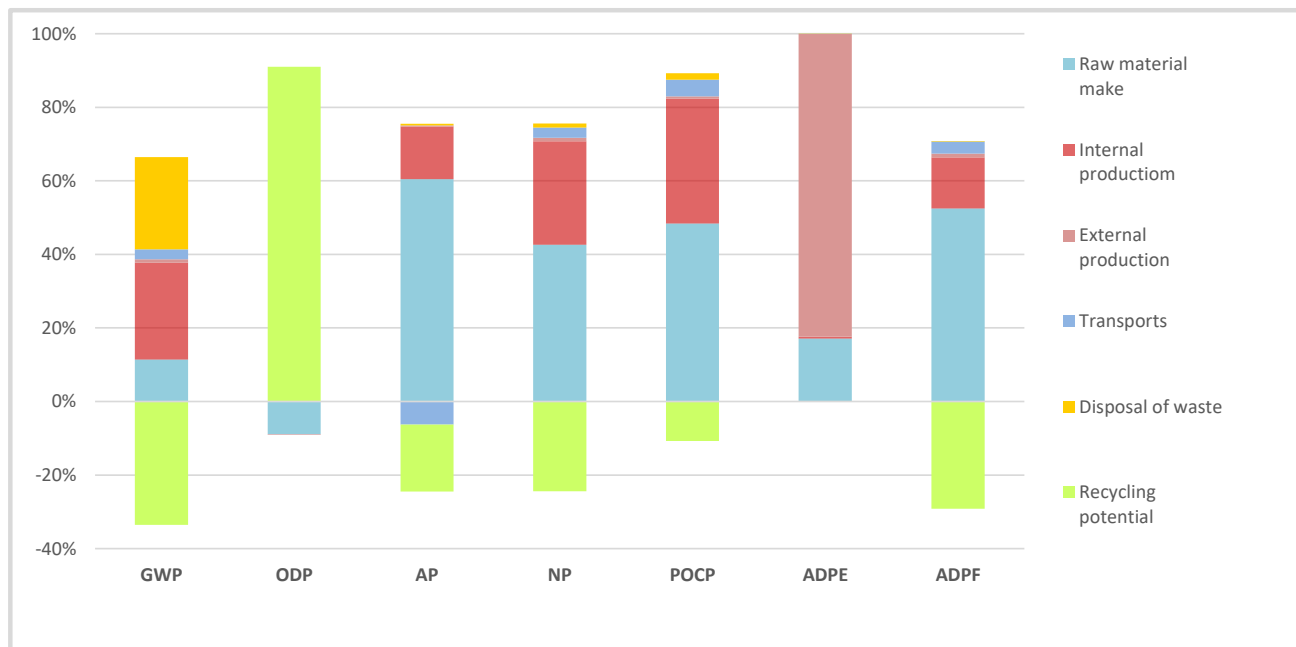
#### Eco-balance indicators

| LCA Indicators            |       | Global warming<br>GWP | Ozone depletion<br>ODP | Acidification<br>AP | Nutritification<br>NP | Ozone creation<br>POCP | Abiotic resources<br>ADPE |
|---------------------------|-------|-----------------------|------------------------|---------------------|-----------------------|------------------------|---------------------------|
|                           |       | CO2 eq.               | CCl3F eq.              | SO2 eq.             | PO4-3 eq.             | C2H4 eq.               | Sb eq.                    |
| Lifecycle                 |       | (kg)                  | (mg)                   | (g)                 | (g)                   | (g)                    | (g)                       |
| Raw material make         | A1-A3 | 11,16                 | 0,33                   | 20,33               | 95,39                 | 15,88                  | 0,14                      |
| Transportation            | A4    | 0,55                  | 0,00                   | -0,52               | 1,49                  | 0,36                   | 0,00                      |
| Internal production       | A5    | 25,73                 | 0,00                   | 4,82                | 63,06                 | 11,16                  | 0,00                      |
| Sub-contracting           | A5    | 0,00                  | 0,00                   | 0,0                 | 0,00                  | 0,00                   | 0,00                      |
| Transport to the end user | A4    | 1,97                  | 0,00                   | -1,48               | 4,50                  | 1,07                   | 0,00                      |
| Waste treatment           | C2-C4 | 24,65                 | 0,00                   | 0,05                | 2,60                  | 0,64                   | 0,00                      |
| Recycling potential       | D     | -32,78                | -3,37                  | -6,13               | -54,72                | -3,53                  | 0,00                      |
| <b>Total</b>              |       | <b>31,28</b>          | <b>-3,04</b>           | <b>17,06</b>        | <b>112,33</b>         | <b>25,58</b>           | <b>0,14</b>               |

| Use of resources          |       | Abiotic fossil fuels | Primary energy renewable |               | Primary energy fossil |              | Use recycled fibre |
|---------------------------|-------|----------------------|--------------------------|---------------|-----------------------|--------------|--------------------|
|                           |       |                      | energy carrier           | material use  | energy carrier        | material use |                    |
|                           |       | ADPF                 | PERE                     | PERM          | PENRE                 | PENRM        | SM                 |
| Lifecycle                 |       | (MJ)                 | (MJ)                     | (MJ)          | (MJ)                  | (MJ)         | (kg)               |
| Raw material make         | A1-A3 | 564,22               | 88,89                    | 296,96        | 545,56                | 58,06        | 6,60               |
| Transportation            | A4    | 7,35                 | 0,44                     | 0,00          | 7,37                  | 0,00         | 0,00               |
| Internal production       | A5    | 148,45               | 93,16                    | -0,16         | 144,32                | -0,03        | 0,01               |
| Sub-contracting           | A5    | 0,00                 | 0,00                     | 0,00          | 0,00                  | 0,00         | 0,00               |
| Transport to the end user | A4    | 26,35                | 1,58                     | 0,00          | 26,44                 | 0,00         | 0,00               |
| Waste treatment           | C2-C4 | 3,86                 | 0,88                     | -183,29       | 37,80                 | -48,37       | 0,00               |
| Recycling potential       | D     | -312,91              | 242,41                   | 0,00          | -374,99               | 0,00         | 0,00               |
| <b>Total</b>              |       | <b>437,32</b>        | <b>427,35</b>            | <b>113,52</b> | <b>386,49</b>         | <b>9,66</b>  | <b>6,61</b>        |

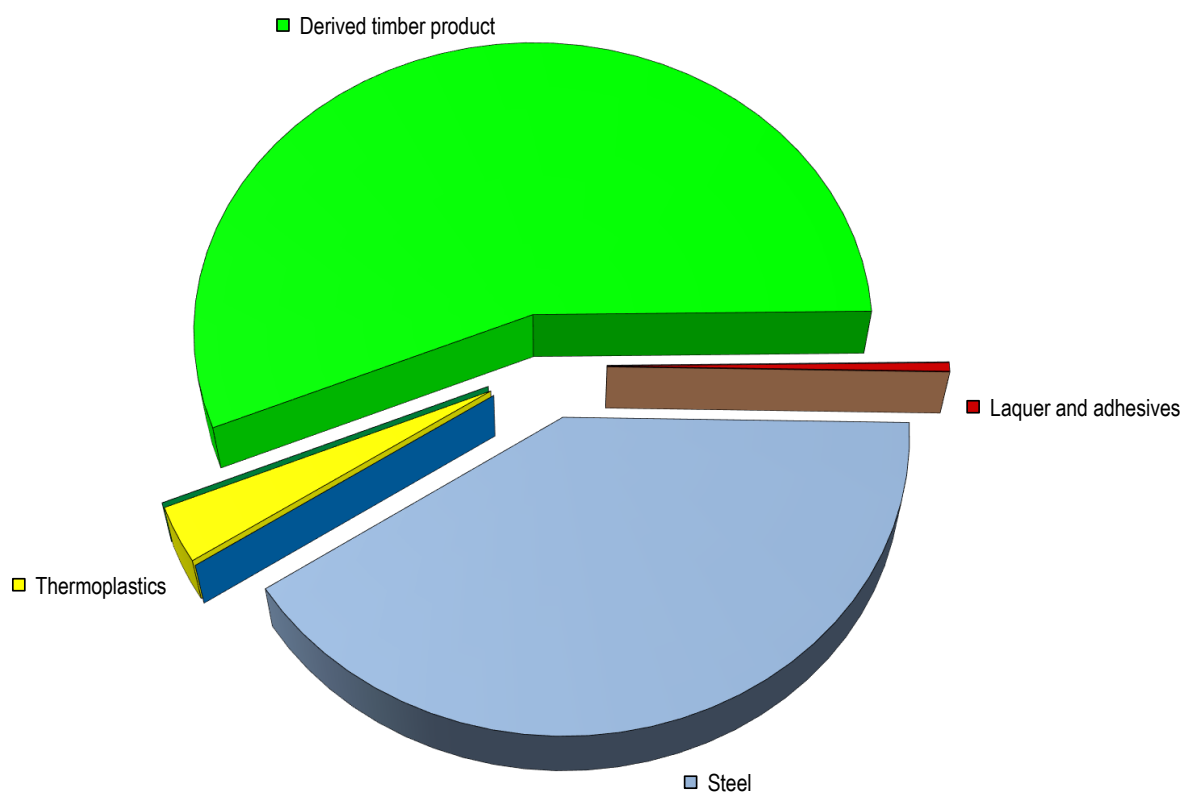
| Use of resources / waste  |       | Recycled fuels |             | Use sweetwater resources | Waste                |              |                   |
|---------------------------|-------|----------------|-------------|--------------------------|----------------------|--------------|-------------------|
|                           |       | renewable      | fossil      |                          | dangerous waste site | no dangerous | radioactive waste |
|                           |       | (RSF)          | (NRSF)      | FW                       | (HWD)                | (NHWD)       | (RWD)             |
| Lifecycle                 |       | (MJ)           | (MJ)        | (m³)                     | (kg)                 | (kg)         | (kg)              |
| Raw material make         | A1-A3 | 22,65          | 0,00        | 0,22                     | 0,01                 | 0,46         | 0,01              |
| Transportation            | A4    | 0,00           | 0,00        | 0,00                     | 0,00                 | 0,00         | 0,00              |
| Internal production       | A5    | 0,00           | 0,00        | 0,18                     | 0,00                 | 0,26         | 0,00              |
| Sub-contracting           | A5    | 0,00           | 0,00        | 0,00                     | 0,00                 | 0,00         | 0,00              |
| Transport to the end user | A4    | 0,00           | 0,00        | 0,00                     | 0,00                 | 0,00         | 0,00              |
| Waste treatment           | C2-C4 | 0,00           | 0,00        | 0,01                     | 0,00                 | 1,19         | 0,00              |
| Recycling potential       | D     | 192,52         | 0,00        | 0,12                     | 0,06                 | -0,25        | -0,04             |
| <b>Total</b>              |       | <b>215,17</b>  | <b>0,00</b> | <b>0,53</b>              | <b>0,07</b>          | <b>1,66</b>  | <b>-0,03</b>      |

#### Impact contribution



| Material composition      |               |               | Recycling content |               |              |           |
|---------------------------|---------------|---------------|-------------------|---------------|--------------|-----------|
| Materials                 | Weight        | Share         | material          | energetic     | disposal     | [ ]       |
| Steel                     | 10,373        | 40,3%         | 10,166            | 0,000         | 0,207        | kg        |
| Aluminium                 | 0,001         | 0,0%          | 0,001             | 0,000         | 0,000        | kg        |
| Other metals              |               |               |                   |               |              |           |
| Thermoplastics            | 0,784         | 3,0%          | 0,053             | 0,653         | 0,078        | kg        |
| Duromer                   |               |               |                   |               |              |           |
| Elastomer                 | 0,016         | 0,1%          | 0,000             | 0,015         | 0,001        | kg        |
| Laminated plastics        |               |               |                   |               |              |           |
| Wood-Plastic Composites   |               |               |                   |               |              |           |
| Solid wood                |               |               |                   |               |              |           |
| Derived timber product    | 14,404        | 56,0%         | 0,000             | 14,188        | 0,216        | kg        |
| Paper, -board             |               |               |                   |               |              |           |
| Leather                   |               |               |                   |               |              |           |
| Other renewable materials |               |               |                   |               |              |           |
| Glass                     | 0,028         | 0,1%          | 0,018             | 0,000         | 0,011        | kg        |
| Other mineral materials   |               |               |                   |               |              |           |
| Laquer and adhesives      | 0,120         | 0,5%          | 0,000             | 0,107         | 0,013        | kg        |
| Chemicals                 |               |               |                   |               |              |           |
| Auxiliaries               |               |               |                   |               |              |           |
| <b>Total</b>              | <b>25,726</b> | <b>100,0%</b> | <b>10,237</b>     | <b>14,963</b> | <b>0,526</b> | <b>kg</b> |

### Material composition



The proportion of secondary raw material in this product is 35%. It includes 56% renewable materials.

## Use of laquer and adhesives

| Application          | Chemical characterisation | Weight <sup>1</sup> | VOC <sup>2</sup> | Classific. <sup>3</sup> |
|----------------------|---------------------------|---------------------|------------------|-------------------------|
| Wood glues           | -                         | -                   | -                | -                       |
| Hotmelt adhesives    | -                         | -                   | -                | -                       |
| Fabric glues         | -                         | -                   | -                | -                       |
| Assembly adhesives   | -                         | -                   | -                | -                       |
| Stains               | -                         | -                   | -                | -                       |
| Water-based varnish  | -                         | -                   | -                | -                       |
| Powder coatings      | Polyester powder lacquer  | 0,119 kg            | 0,0%             | yes                     |
| Solvent-based varnis | -                         | -                   | -                | -                       |

The product is free of halogenated plastics (PVC).

<sup>1</sup> dry matter

<sup>2</sup> uncured

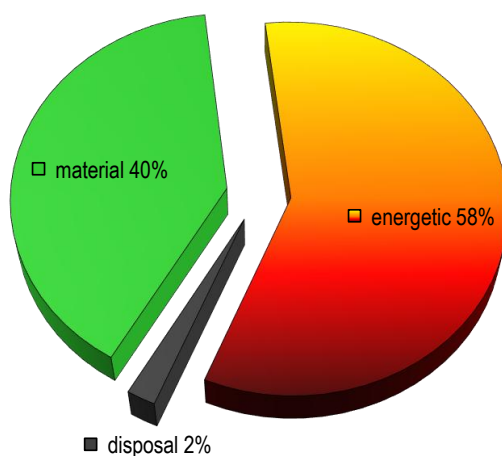
<sup>3</sup> acc. EG Reg. No 1272/2008

The following certificates are valid only for the mentioned raw-materials but not for the final product:

Decorative chipboard: FSC Standard - certificate SGSCH-COC-110039, licence FSC-C017963



## Recycling rate (EoL)



The chart shows the presently usual recycling rate in Western Europe, based on the used material mix.

The thermal recycling will release energy to the amount of 273 MJ. This is equivalent to 7,6 litre of light fuel oil.

The remaining ash from the incineration will be disposed of in a landfill.

## Publisher and picture credits

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