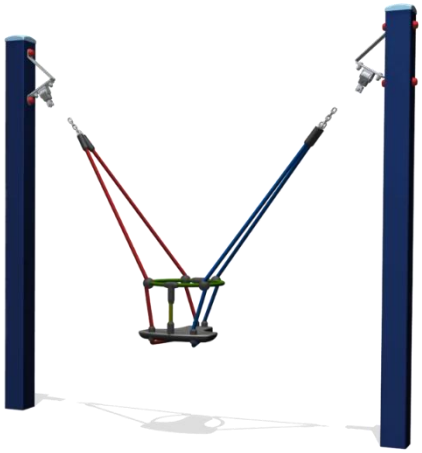
# Environmental Product Declaration

**Verified data according to EN15804+A2**

This declaration is for:

## BBP.031.2A



Functional unit: **Piece**

Date of issue: **20-07-2026**

Expiry date: **13-2-2029**

Scope of LCA: **Cradle-to-Gate including end-of-life**

LCA modules EN15804+A2:

| A1 | A2 | A3 | A4-5 | B1-7 | C1 | C2 | C3 | C4 | D |
|---|---|---|---|---|---|---|---|---|---|
| X | X | X | ND | ND | X | X | X | X | X |

*X = Modules assessed; ND = Not Declared*

Scope of the declaration:
This is a self-declared EPD provided by **BOERplay B.V. – The Netherlands**. All the data in this EPD is based on a LCA-background dossier in accordance to the following standards and requirements of: **ISO 14040, ISO 14044, ISO 14025, EN15804+A2: 2019 and NMD Bepalingsmethode version 1.1 (March 2022)**. All the used data, methods, calculations, allocations and cut-offs with are used to calculate GWP total and the MKI score can be found in this dossier and are **verified by recognised LCA experts.** It is verified according to the MRPI and NMD verification protocol. Verification was performed in February 2024.

| Global warming potential (GWP total) | | Milieukostenindicator (MKI)* | |
|---|---|---|---|
| $CO_2$ | **199** kg CO2/eq | € | **€ 32,-** |

**NOTE: EPDs of similar products may not be comparable if they do not comply with EN15804+A2:2019.**
None of the substances contained in the product are listed in the "Candidate List of Substances of Very High Concern for authorisation", or they do not exceed the threshold with the European Chemicals Agency.

| DEMONSTRATION OF VERIFICATION |
|---|
| CEN standard EN15804 serves as the core PCR** |
| Independent verification of the calculation method leading to the values stated in this document according to MRPI and NMD verification protocol. |
| Third party verifier:<br>**SGS Intron B.V.**<br>verified by: U. Hofstra |

**Environmental Cost Indicator (Dutch single score in EUR)*
***Product Category Rules*

| TOE.BBP.031.2B | | | | | | |
|---|---|---|---|---|---|---|
| **Material** | **Weight (kg)** | **Impact category** | **GWP (kg CO2 eq.)** | **MKI (€)** | **Recycled material (kg)** | **Recyclable material (kg)** |
| Aluminum K-alloy | 0,4 | OME_ALU_CAST | 2,6 | 0,39 | 0,0 | 0,0 |
| Aluminum Post Coated | 17,1 | OME_ALU_POST | 74,5 | 10,42 | 17,1 | 17,1 |
| Aluminum | 6,3 | SME_ALU_PL | 42,2 | 5,81 | 0,0 | 6,3 |
| PA6 | 0,6 | KST_PA_INJECTION | 6,4 | 0,48 | 0,0 | 0,6 |
| PA6.6 | 0,1 | KST_PA_INJECTION | 0,6 | 0,05 | 0,0 | 0,1 |
| Rubber | 4,6 | | | | 0,0 | 0,0 |
| Sendzimir Plate | 1,8 | SME_STEEL_NL | 3,8 | 2,12 | 0,0 | 1,8 |
| Stainless Steel 304 | 2,4 | BSR_RVS | 6,8 | 4,64 | 0,0 | 2,4 |
| Stainless Steel 304 | 0,7 | SME_RVS_PL | 1,2 | 0,60 | 0,0 | 0,7 |
| Stainless Steel 316 | 0,2 | KET_RVS | 0,5 | 0,40 | 0,0 | 0,2 |
| Steel Galvanized | 0,5 | BSV_GALV | 1,7 | 0,67 | 0,0 | 0,5 |
| Overhead (1 pcs) | - | Overhead | 13,0 | 0,94 | - | - |
| --- Total --- | 35kg | - | 199 kg CO2 eq. | € 32 | 17 kg (49,5 %) | 30 kg (85,7 %) |