

Environmental Product Declaration

Verified data according to EN15804+A2

This declaration is for:

BBP.213.4BR-060

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)*	
	3079 kg CO ₂ /eq	€	€ 669,-

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:

SGS Intron B.V.

verified by: U. Hofstra

*Environmental Cost Indicator (Dutch single score in EUR)

**Product Category Rules

TOE.BBP.213.4BR						
Material	Weight (kg)	Impact category	GWP (kg CO2 eq.)	MKI (€)	Recycled material (kg)	Recyclable material (kg)
Aluminum K-alloy	1,8	OME_ALU_CAST	12,8	1,94	0,0	0,0
Aluminum Post Coated	105,8	OME_ALU_POST	461,3	64,53	105,8	105,8
Aluminum	51,1	SME_ALU_PL	341,3	47,01	0,0	51,1
Concrete	636,9	OBT_SNELBETON	101,9	12,74	0,0	0,0
HDPE	204,4	OPE_HDPE_BC	915,7	85,84	163,5	204,4
LDPE Sheet	38,7	KST_LDPE	166,7	15,86	37,5	38,7
PA6 GFR	0,5	KST_PA_INJECTION	5,1	0,38	0,0	0,5
PA6	2,2	KST_PA_INJECTION	23,5	1,76	0,0	2,2
PA6.6	2,1	KST_PA_INJECTION	21,6	1,62	0,0	2,1
Polyester	4,3	KST_POL_PL	27,8	3,71	0,0	0,0
POM	0,9	KST_POM	12,6	0,99	0,0	0,9
ReBo	20,7	ORE_REBO_NL	78,4	7,44	20,7	20,7
Rope Hercules 16mm	9,9	ONT_SNT_ROPE	116,4	3,36	0,0	0,0
Sendzimir Plate	9,2	SME_STEEL_NL	18,9	10,62	0,0	9,2
Stainless Steel 304	14,3	BSR_RVS	41,4	28,15	0,0	14,3
Stainless Steel 304	70,4	SME_RVS_PL	125,9	61,21	0,0	70,4
Stainless Steel 304	69,4	SME_RVS_SLIDE_NL	215,1	156,78	0,0	69,4
Stainless Steel 316	1,5	KET_RVS	3,5	2,68	0,0	1,5
Stainless Steel 316	0,5	SME_RVS_PL	1,0	0,46	0,0	0,5
Steel Galvanized	0,2	BSV_GALV	0,6	0,24	0,0	0,2
Steel Galvanized	128,6	SME_STEEL_COAT_PL	374,3	160,80	0,0	128,6
Overhead (1 pcs)	-	Overhead	13,0	0,94	-	-
--- Total ---	736kg	-	3079 kg CO2 eq.	€ 669,08	328 kg (44,5 %)	720 kg (97,8 %)
Total weight, incl Concrete	1373 kg	-	-	-	-	-