# Environmental Product Declaration according to ISO 14025 and EN 15804



This declaration is for: **Icopal ProVerdi 600** 

Provided by: **BMI Icopal Werne** 





program operator
Stichting MRPI®
publisher
Stichting MRPI®
www.mrpi.nl

MRPI® registration
1.1.00303.2023
date of first issue
18-08-2023
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18-08-2028









#### **COMPANY INFORMATION**



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# PRODUCT

Icopal ProVerdi 600



**DECLARED UNIT/FUNCTIONAL UNIT** 

square meter



#### **DESCRIPTION OF PRODUCT**

Reinforced bitumen solution for roof waterproofing: Fully torched 2 layer system BMI Icopal Base 600 PG & Top 600 P



# **VISUAL PRODUCT**





#### **MRPI® REGISTRATION**

1.1.00303.2023

DATE OF ISSUE

18-08-2023

**EXPIRY DATE** 

18-08-2028



#### MORE INFORMATION

https://www.bmigroup.com/dk/nyheder/proverdi-600/



This MRPI®-EPD certificate is verified by Kamiel Jansen, Aveco de Bondt.

The LCA study has been done by Wouter Jan van den Berg, BMI Group.

The certificate is based on an LCA-dossier according to ISO14025 and EN15804+A2. It is verified according to the 'MRPI®-EPD verification protocol November 2020.v4.0'. EPDs of construction products may not be comparable if they do not comply with EN15804+A2. Declaration of SVHC that are listed on the 'Candidate List of Substances of Very High Concern for authorisation' when content exceeds the limits for registration with ECHA.



# **PROGRAM OPERATOR**

Stichting MRPI® Kingsfordweg 151 1043GR Amsterdam



ir. J-P den Hollander, Managing director MRPI®

# DEMONSTRATION OF VERIFICATION

CEN standard EN15804 serves as the core PCR[a]

Independent verification of the declaration and data,

according to EN ISO 14025:2010: internal: external: X

Third party verifier:

Jansen

Kamiel Jansen, Aveco de Bondt

[a] PCR = Product Category Rules







#### **DETAILED PRODUCT DESCRIPTION**

Reinforced bitumen solution for roof waterproofing: Fully torched 2 layer system Icopal ProVerdi Base 600 PG & Icopal ProVerdi Top 600 P.

BMI Icopal Base 600 PG is a base layer, to be combined with BMI Icopal Top 600 P as a two layer system. The roof coverings can be made according to the specification forms from BMI. The roofing must be performed according to the specification forms from BMI. The Base 600 PG has great strength, heat and dimensional stability, is nail-resistant and has a good perforation resistance. The product can absorb minor movements from the surface. SBS bitumen gives great and lasting cold flexibility, protects against cold breakage when laid down to -15°C and increases the roofing life.

The waterproofing membrane is fully torched to the roof with a torch. Overlaps (5% extra material) are also torched.



COMPONENT > 1% of total mass	[%]
Bitumen	Confidential
Reinforcement	Confidential
Polymers	Confidential
Slates	Confidential
Sand	Confidential
Others	Confidential



#### **SCOPE AND TYPE**

This specific EPD is relevant for Icopal Proverdi 600, a product from BMI Icopal Werne, to be sold at the European market. Backgrounddatabase is Eco Invent 3.6. For end of life we have used the waste scenario from EWA.

# Declared or functional unit

1 m² installed 2-layer roof waterproofing, from cradle-to-grave, with activities needed for a study period of 50 years for the building.

Weight per declared unit 7.49 kg

Conversion factor to 1 kg 0.13 m<sup>2</sup>

# Reference Service Life (RSL)

Icopal ProVerdi 600 two layers waterproofing system is expected to fulfill its function for 50 years.







PROD	UCT ST	AGE	CONST	RUCTION			US	SE ST	AGE	:		Е	ND O	F LIFE		BENEFITS AND			
			PRO	CESS									STA	GE		LOADS BEYOND THE			
			ST	AGE												SYSTEM BOUNDARIES			
Raw material supply	Transport	Manufacturing	Transport gate to site	Assembly	Use	Maintenance	Repair	Replacement	Refurbishment	Operational energy use	Operational water use	De-construction demolition	Transport	Waste processing	Disposal	Reuse- Recovery- Recycling- potential			
A1	A2	<b>A3</b>	A4	<b>A5</b>	B1	B2	B3	B4	<b>B</b> 5	<b>B6</b>	B7	C1	C2	C3	C4	D			
х	х	х	х	х	Х	х	х	х	х	х	х	х	х	х	х	Х			

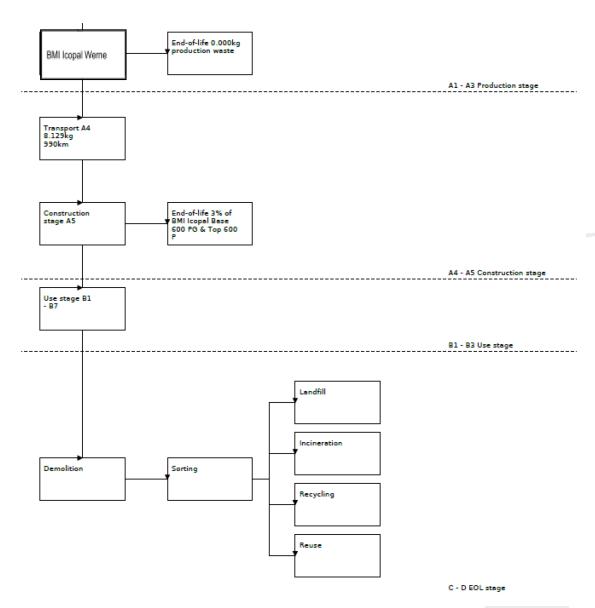
X = Modules Assessed

ND = Not Declared









LCA process diagram according to EN 15804 (7.2.1)



# **REPRESENTATIVENESS**

The data are representative for Icopal Proverdi 600, a product from BMI Icopal Werne, Germany, to be sold at the European market.







# **ENVIRONMENTAL IMPACT** per functional unit or declared unit (core indicators A2)

	UNIT	A1	A2	А3	A1-A3	A4	A5	B1	B2	В3	B4	B5	В6	В7	C1	C2	C3	C4	D
GWP-total	kg CO2 eq.	3.52	3.56	6.86	4.56	1.34	2.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.78	8.28	4.49	-2.80
GWF-total	kg CO2 eq.	E+0	E-1	E-1	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E-1	E+0	E-1	E+0
GWP-fossil	kg CO2 eq.	3.55	3.56	1.67	5.57	1.34	1.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.77	8.28	4.49	-2.80
OVVI -103311	kg CO2 eq.	E+0	E-1	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E-1	E+0	E-1	E+0
GWP-biogenic	kg CO2 eq.	-3.51	1.63	-9.89	-1.02	7.16	1.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.77	-2.30	2.84	-1.80
GWF-blogefile	kg CO2 eq.	E-2	E-4	E-1	E+0	E-4	E+0	E-5	E-4	E-4	E-3								
GWP-luluc	kg CO2 eq.	2.33	1.33	9.27	1.17	4.69	4.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.63	3.10	1.63	-1.69
GVVF-Iuluc	kg CO2 eq.	E-3	E-4	E-3	E-2	E-4	E-4	E+0	E-5	E-4	E-5	E-4							
ODP	kg CFC11 eq.	5.40	7.92	1.67	7.86	3.05	2.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.91	6.18	9.88	-9.10
ODF	kg Cr C r r eq.	E-7	E-8	E-7	E-7	E-7	E-7	E+0	E-8	E-8	E-9	E-7							
AP	mol H+ eq.	2.02	2.28	6.32	2.88	5.48	3.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.11	3.27	4.84	-5.22
AF	illorrit eq.	E-2	E-3	E-3	E-2	E-3	E-3	E+0	E-4	E-3	E-4	E-3							
EP-freshwater	kg PO4 eq.	1.17	3.32	1.44	2.64	1.05	1.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.62	1.01	6.35	6.86
LF-ilesiiwatei	kg FO4 eq.	E-4	E-6	E-4	E-4	E-5	E-5	E+0	E-6	E-5	E-7	E-6							
EP-marine	kg N eq.	4.00	7.61	1.48	6.24	1.63	7.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.03	1.02	3.84	-1.05
LF-manne	kg iv eq.	E-3	E-4	E-3	E-3	E-3	E-4	E+0	E-4	E-3	E-4	E-3							
EP-terrestrial	mol N eq.	4.49	8.40	1.59	6.92	1.80	8.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.25	1.12	1.03	-1.19
EF-lerrestrial	morn eq.	E-2	E-3	E-2	E-2	E-2	E-3	E+0	E-3	E-2	E-3	E-2							
POCP	kg NMVOC eq.	1.74	2.37	4.17	2.39	5.51	2.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.92	3.18	4.06	-4.23
FOOF	kg Mivroc eq.	E-2	E-3	E-3	E-2	E-3	E-3	E+0	E-4	E-3	E-4	E-3							
ADP-minerals	kg Sb eq.	5.47	9.02	2.29	5.79	3.63	2.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.36	6.34	3.45	2.10
& metals	kg Sb eq.	E-4	E-6	E-5	E-4	E-5	E-5	E+0	E-6	E-6	E-7	E-5							
ADP-fossil	MJ, net	2.40	5.36	2.90	2.74	2.02	2.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.64	5.21	7.63	-7.53
ADF-105SII	calorific value	E+2	E+0	E+1	E+2	E+1	E+1	E+0	E-1	E+1									
WDP	m3 world eq.	1.72	1.77	5.07	2.24	5.63	9.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.09	1.33	3.23	-4.89
VVDP	deprived	E+0	E-2	E-1	E+0	E-2	E-2	E+0	E-3	E-1	E-2	E-2							

GWP-total = Global Warming Potential total

GWP-fossil = Global Warming Potential fossil fuels

GWP-biogenic = Global Warming Potential biogenic

GWP-luluc = Global Warming Potential land use and land use change

ODP = Depletion potential of the stratospheric ozone layer

AP = Acidification Potential, Accumulated Exceedence

EP-freshwater = Eutrophication Potential, fraction of nutrients reaching freshwater end compartment

EP-marine = Eutrophication Potential, fraction of nutrients reaching marine end compartment

EP-terrestrial = Eutrophication Potential, Accumulated Exceedence

POCP = Formation potential of tropospheric ozone photochemical oxidants

ADP-minerals&metals = Abiotic Depletion Potential for non fossil resources [2]

ADP-fossil = Abiotic Depletion for fossil resources potential [2]

WDP = Water (user) deprivation potential, deprivation-weighted water consumption [2]

#### Disclaimer [2]

- The results of this environmental impact indicator shall be used with care as the uncertainties on these results are high or as there is limited experience with the indicator.







# **ENVIRONMENTAL IMPACT** per functional unit or declared unit (additional indicators A2)

	UNIT	A1	A2	А3	A1-A3	A4	A5	B1	B2	В3	B4	B5	В6	В7	C1	C2	СЗ	C4	D
PM	Disease	1.60	2.97	5.50	2.45	9.35	2.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.08	3.56	5.35	-2.20
FIVI	incidence	E-7	E-8	E-8	E-7	E-8	E-8	E+0	E-8	E-8	E-9	E-8							
IRP	kBq U235 eq.	1.35	2.27	7.15	1.44	8.84	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.15	1.66	3.08	-1.50
IKF	кви 0235 ец.	E+0	E-2	E-2	E+0	E-2	E-1	E+0	E-2	E-2	E-3	E-1							
ETP-fw	CTUe	1.04	4.61	2.38	1.33	1.62	1.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.22	7.11	1.02	-1.61
EIF-IW	Croe	E+2	E+0	E+1	E+2	E+1	E+1	E+0	E+1										
HTP-c	CTUh	2.19	1.48	8.64	3.20	4.55	3.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.93	1.53	2.14	-2.20
HIP-C	Cion	E-9	E-10	E-10	E-9	E-10	E-10	E+0	E-11	E-9	E-11	E-10							
HTP-nc	CTUh	4.81	5.01	1.65	6.97	1.77	6.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.35	1.21	4.36	-5.11
HIP-IIC	Cion	E-8	E-9	E-8	E-8	E-8	E-9	E+0	E-9	E-8	E-10	E-9							
SQP		4.28	4.29	8.79	1.35	1.39	6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.57	4.03	1.78	-4.63
SQF		E+1	E+0	E+1	E+2	E+1	E+0	E+1											

PM = Potential incidence of disease due to PM emissions

IRP = Potential Human exposure efficiency relative to U235 [1]

ETP-fw = Potential Comparative Toxic Unit for ecosystems [2]

HTP-c = Potential Comparative Toxic Unit for humans [2]

HTP-nc = Potential Comparative Toxic Unit for humans, non-cancer [2]

SQP = Potential soil quality index [2]

#### Disclaimer [1]

- This impact category deals mainly with the eventual impact of low dose ionizing radiation on human health of the nuclear fuel cycle. It does not consider effects due to possible nuclear accidents, occupational exposure nor due to radioactive waste disposal in underground facilities. Potential ionizing radiation from the soil, from radon and from some construction materials is also not measured by this indicator.

## Disclaimer [2]

- The results of this environmental impact indicator shall be used with care as the uncertainties on these results are high or as there is limited experience with the indicator.







# RESOURCE USE per functional unit or declared unit (A1 / A2)

	UNIT	A1	A2	А3	A1-A3	A4	A5	B1	B2	ВЗ	B4	B5	В6	В7	C1	C2	C3	C4	D
PERE	MJ	4.17	6.86	6.55	1.08	2.85	4.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.49	2.88	1.61	-8.11
PERE	IVIJ	E+0	E-2	E+0	E+1	E-1	E-1	E+0	E-2	E-1	E-2	E+0							
PERM	MJ	0.00	0.00	9.23	9.23	0.00	2.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FERIVI	IVIJ	E+0	E+0	E+0	E+0	E+0	E-1	E+0											
PERT	MJ	4.17	6.86	1.58	2.00	2.85	6.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.49	2.88	1.61	-8.11
PERI	IVIJ	E+0	E-2	E+1	E+1	E-1	E-1	E+0	E-2	E-1	E-2	E+0							
PENRE	MJ	1.19	5.69	3.02	1.55	2.15	1.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.80	5.55	8.10	-5.58
FLININL	IVIO	E+2	E+0	E+1	E+2	E+1	E+1	E+0	E-1	E+1									
PENRM	MJ	1.46	0.00	1.38	1.48	0.00	4.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.64
FLINIXIVI	IVIO	E+2	E+0	E+0	E+2	E+0	E+1												
PENRT	MJ	2.65	5.69	3.16	3.03	2.15	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.80	5.55	8.10	-8.22
FLINIXI	IVIO	E+2	E+0	E+1	E+2	E+1	E+1	E+0	E-1	E+1									
SM	kg	9.67	0.00	1.96	9.87	0.00	2.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SIVI	Ng	E-1	E+0	E-2	E-1	E+0	E-2	E+0											
RSF	MJ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Koi	IVIO	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0
NRSF	MJ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INROF	IVIJ	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0
FW	m3	4.94	6.19	1.99	7.00	2.13	3.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.14	5.24	7.97	2.93
1 00	1113	E-2	E-4	E-2	E-2	E-3	E-3	E+0	E-4	E-3	E-4	E-3							

PERE = Use of renewable energy excluding renewable primary energy resources

PERM = Use of renewable energy resources used as raw materials

PERT = Total use of renewable primary energy resources

PENRE = Use of non-renewable primary energy resources excluding non-renewable energy resources used as raw materials

PENRM = Use of non-renewable primary energy resources used as raw materials

PENRT = Total use of non-renewable primary energy resources

SM = Use of secondary materials

RSF = Use of renewable secondary fuels

NRSF = Use of non renewable secondary fuels

FW = Use of net fresh water

# OUTPUT FLOWS AND WASTE CATEGORIES per functional unit or declared unit (A1 / A2)

	UNIT	A1	A2	А3	A1-A3	A4	A5	В1	B2	ВЗ	В4	В5	В6	В7	C1	C2	СЗ	C4	D
HWD	lea.	9.53	1.35	3.92	1.48	5.30	3.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.09	8.71	1.15	-6.42
l uwn	kg	E-5	E-5	E-5	E-4	E-5	E-5	E+0	E-6	E-6	E-6	E-5							
NHWD	kg	2.58	3.09	3.08	8.75	9.67	2.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.04	3.92	3.00	-2.86
MINVD	Ng	E-1	E-1	E-1	E-1	E-1	E-1	E+0	E-1	E-1	E+0	E-3							
RWD	ka	2.15	3.56	8.88	2.27	1.38	1.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.78	1.99	4.59	-2.56
KWD	kg	E-3	E-5	E-5	E-3	E-4	E-4	E+0	E-5	E-5	E-6	E-4							
CRU	kg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CKU	Ng	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0
MFR	kg	0.00	0.00	5.53	5.53	0.00	3.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.12	0.00	0.00
IVIER	kg	E+0	E+0	E-2	E-2	E+0	E-1	E+0											
MER	kg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IVILIX	Ng	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0
EEE	MJ	0.00	0.00	2.38	2.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.32
	IVIJ	E+0	E+0	E-1	E-1	E+0	E+1												
ETE	MJ	0.00	0.00	4.11	4.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.27
=1E	IVIJ	E+0	E+0	E-1	E-1	E+0	E+1												

HWD = Hazardous Waste Disposed

RWD = Radioactive Waste Disposed

MFR = Materials for recycling

EEE = Exported Electrical Energy

NHWD = Non Hazardous Waste Disposed

CRU = Components for reuse

MER = Materials for energy recovery

ETE = Exported Thermal Energy







# **BIOGENIC CARBON CONTENT per functional unit or declared unit (A1 / A2)**

	UNIT	A1	A2	А3	A1-A3	A4	A5	B1	B2	В3	B4	В5	В6	В7	C1	C2	С3	C4	D
P.C.nr	ka C	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BCCpr k	kg C	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0
BCCpa	ka C	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
БССра	kg C	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0	E+0

BCCpr = Biogenic carbon content in product
BCCpa = Biogenic carbon content in packaging



#### **CALCULATION RULES**

Applicable time period collected data 2020-2023



#### SCENARIOS AND ADDITIONAL TECHNICAL INFORMATION

Product Stage (A1-A3)

The production stage consists of the extraction of raw materials, transportation of the raw materials, processing the raw materials into materials and the production of the product. The required energy for production, external treatments, ancillary materials, packaging material and production emissions are included.

#### Construction process stage (A4-A5)

This stage consists the transport of the product from production plant to the construction site. It also includes the loss of material during construction. The additional needed production, transport and end-of-life of the lost material during construction is included. The end-of-life of packaging material up to the end-of-waste state or disposal of final residues is also included.

The installation of the product including manufacture, transportation and end-of-life of ancillary materials and any energy or water use required for installation or operation of the construction site are taken into account.

## Use stage (B1-B3)

This stage consists of the impacts arising from components of the building and construction works during their use. The stage also covers the combination of all planned technical and associated administrative maintenance actions during the service life to maintain the product installed in a building, in a construction works or its parts in a state in which it can perform its required functional and technical performance, as well as preserve the aesthetic qualities of the product. This will include preventative and regular maintenance activities. Product replacement (B4) and renovation (B5) only apply when the product is considered in a lifespan (of a building, work, etc.). Operational water and energy use are not considered.

#### End of life stage (C1-C4)

When the end of the life stage of the building is reached, the de-construction/demolition begins. This EPD includes de-construction/demolition (C1), the necessary transport (C2) from the demolition site to the sorting location and distance to final disposal. The end of life stage includes the final disposal to landfill (C4), incineration (C3) and needed recycling processes up to the end-of-waste point (C3). Loads and benefits of recycling, re-use and exported energy are part of module D. The default end-of-life scenarios of the annex (november 2020) to the NMD Determination method v1.0 have







been used for the various materials in the product.

Benefits and Loads beyond the system boundary (Module D)

This stage contains the potential loads and benefits of recycling and re-use of raw materials/products. The loads contain the needed recycling processes from end-of-waste-point up to the point-of-equivalence of the substituted primary raw material and a load for secondary material that will be lost at the end-of-life stage. The loads and benefits of recycling and reuse are included in this module. The benefits are calculated based on the primary content and the primary equivalent. In addition, the benefits of energy recovery are granted at this stage. The amount of avoided energy is based on the Lower Heating Values of the materials and the efficiencies of the incinerators as mentioned in the NMD Determination method v1.0 or EcoInvent 3.6 (2019).



#### **DECLARATION OF SVHC**

No substances that are listed in the latest Candidate List of substances of Very High Concern for authorisation" are included in the product the exceeds the limit for registration. The elastomeric bitumen membranes are covered by harmonized technical specification DS/EN13707:2004+A2:2009. Declaration of performance according to EU regulation 305/2011 is available for all declared product variations. Further technical information can be obtained by contacting the manufacturer or on the manufacturer's website: https://www.bmigroup.com/dk/



#### **REFERENCES**

ISO 14040 - DIN EN ISO 14040:2006-10, Environmental management - Life cycle assessment - Principles and framework; EN ISO 14040:2006

ISO 14044 - DIN EN ISO 14044:2006-10, Environmental management - Life cycle assessment - Requirements and guidelines; EN ISO 14040:2006

ISO 14025 - DIN EN ISO 14025:2011-10: Environmental labels and declarations – Type III environmental declarations – Principles and procedures

EN 15804- EN 15804:2012+A2:2019: Sustainability of construction works - Environmental Product



# REMARKS

none

