

ENVIRONMENTAL DATA SHEET

BUILDING TRUST



PULASTIC PURE 110N

ORGANISATION/MANUFACTURING

Manufactured in

Electricity

Certificates for sustainable, social and safe entrepreneurship:

The Netherlands (Deventer)

100% renewable (0% fossil 0% nuclear)

ISO 9001 - quality management

ISO 14001 - environmental care

OHSAS 18001 - working conditions management

V.C.A. For safety on the jobsite

CSR performance ladder- level 3 , inspired by ISO 26000

Recognized training company

Sustainability reporting according to GRI Standard

Sustainability program "more value less impact" in accordance with "UN 2030 Agenda for Sustainable Development"

PRODUCT COMPOSITION

Mineral Raw Materials (Based on total system for Polyurethane compounds)

Biobased Content (Calculated)

Resin composition

Volatile substances - Adhesives & Self-levelling

Volatile substances - Coating

PFAS-free

Plasticizer- content in Polyurethane

100% Reach compliant

PU Phthalate-Free (incl. PU recycled content)

14-17%

18-20%

Free of solvents and heavy metals

Solvent free

0,01gr/lit (EU) - 2004/42/EG

Yes

0%

Yes

Yes

PACKAGING

Cans

Regupol

Pallets

Film

Metal - Recyclable

Cardboard tube/plastic - Re-usable & recyclable

Wood - Re-usable & recyclable

Plastic - Recyclable

EMISSION PERFORMANCE AFTER CURING (ISO16000-9)

TVOC (EN16516)

Carcinogenic substances

Formaldehyde

Meets Eurofins Indoor Air Quality Gold Standard,

M1, A+ (French) Breeam, HEA9, LEED v4

<0.01 mg/m³ (Total volatile organic compounds)

<0.001 mg/m³ (Not detectable)

<0.003 mg/m³ (Not detectable)

LIFE CYCLE

Expected Lifespan

LCA/EPD

Maintenance/restorability

>40 years (including maintenance & refurbishment options)

Available

■ Resurfacing or Facelift possible without loss of performance
(Shock absorption guarantee > 30 years)

■ Upgrade possible with increase of performance

Yes, seamless and invisible (spot-)repair possible

Yes, re-surface and upgrade possible

Repairable

Refurbishable

RECYCLING

End-of-life recycling

Yes, (100%) Pulastic-2-Pulastic

CIRCULARITY

Recycled Raw Material-content % of system weight

Recycled Raw Material-content % of system thickness

Non-virgin fossil-based content (calculated)

Virgin fossil-based content (calculated)

Total circular and bio-based content (calculated)

54%

74%

>85

<15

72-75%

CO₂ FOOTPRINT

Pulastic Pure 110N (EN15804+A2, Recycling) in kg CO₂ eq.

17,7kg CO₂ eq./sqm (40 Years)

0,44kg CO₂ eq./sqm/annum*

CONTRIBUTION TO LEED AND BREEAM

Please see the back side of this document

*based on a lifecycle of 40 years



Dutch Green Building Council



CATEGORY	ELEMENT	LEED CREDIT	BREEAM CREDIT	EXPLANATION
Organization & Production	Production in the Netherlands (local)	MRc5 (Regional Materials)	Mat 03 (Responsible sourcing)	Reduces transport emissions, supports local economy
Organization & Production	100% renewable electricity	EAc1 (Renewable Energy)	Ene 01 (Reduction of CO ₂ emissions)	Lowers ecological footprint
Organization & Production	ISO 14001, CSR Ladder, GRI, UN SDG	MRc3 (Sourcing of Raw Materials)	Man 03, Mat 03	Sustainable and responsible entrepreneurship
Organization & Production	OHSAS 18001 / VCA / ISO 9001	Indirect contribution	Man 01 (Health & Safety)	Promotes safe and healthy working environment
Product Properties & Health	Biobased content (18–20%)	MRc4 (Recycled/Biobased Content)	Mat 01 (Life Cycle Impacts)	Reduces use of fossil resources
Product Properties & Health	Free of solvents, heavy metals, phthalates, PFAS	EQc4.1/4.2 (Low-Emitting Materials)	Hea 02 (Indoor Air Quality)	Improves indoor air quality
Product Properties & Health	Emissions after curing (TVOC < 0.01 mg/m ³)	EQc4.3 (Low-Emitting Materials)	Hea 02, Hea 09	Very low emissions contributing to a healthy indoor environment
Product Properties & Health	Eurofins Gold, M1, A+	EQc4	Hea 02, Hea 09	International indoor air quality certification
Lifespan & Circularity	Lifespan > 40 years	MRc1.2 (Building Life-Cycle Impact Reduction)	Mat 01	Less material use and waste
Lifespan & Circularity	LCA/EPD available	MRc1.1 (EPD)	Mat 01	Transparency about environmental impact
Lifespan & Circularity	Maintenance, repair, upgrade possible	MRc1.2	Mat 06 (Durability)	Extended lifespan, enhanced performance
Lifespan & Circularity	100% recyclable (Pulastic-2-Pulastic)	MRc4	Wst 01 (Construction Waste Management)	Full recycling, circular economy
Lifespan & Circularity	Recycled material (54–74%)	MRc4	Mat 03	Reduces environmental impact
Packaging	Recyclable and reusable packaging	MRc5	Wst 01	Reduces packaging waste
CO ₂ & Climate Impact	CO ₂ emissions: 17.7 kg CO ₂ eq/m ² over 40 years	MRc1.2	Mat 01, Ene 01	Low emissions contribute to climate goals