

RE-LIFE RECYCLED PLASTIC BOARDWALK

100% recycled plastic boardwalk system – posts, joists, bearers & deck boards

Designed & manufactured in the UK · zero rot, zero maintenance, fit & forget

60 yr

SERVICE LIFE

1.2 m

STANDARD WIDTH

5.0 kN/m²

 DECK BOARDS LIVE
LOAD TESTED

20 yr

PRODUCT WARRANTY

OVERVIEW

ZERO ROT. ZERO MAINTENANCE. BUILT TO LAST DECADES.

The Bison Re-Life Recycled Plastic Boardwalk is constructed entirely from 100% recycled plastic – posts, joists and deck boards. There is no timber anywhere in the structure, eliminating any risk of rot, warping or splitting, even in permanently wet or flood-prone conditions.

Unlike timber boardwalks, these systems need no painting, staining, preservative treatment or ongoing maintenance. Once installed, they stay put and keep performing – making them an ideal long-term investment for local authorities, conservation bodies and estates.

Foundation Options: Boardwalks can be supported on recycled plastic posts or galvanised steel groundscrews – ideal for low-impact installation in wetlands, around tree roots, or on ecologically sensitive ground.

Concrete free: Neither plastic posts nor groundscrews require concrete for installation.

TECHNICAL SPECIFICATION

SYSTEM TYPE	100% recycled plastic – posts, joists, bearers & deck boards
STANDARD WIDTH	1,200 mm Custom widths available on request
POST MATERIAL	100% recycled plastic
JOIST MATERIAL	100% recycled plastic
DECK BOARD SIZE	150 mm wide × 38 mm thick
DECK FASTENERS	Stainless steel fixings
FOUNDATION OPTIONS	Recycled plastic posts or galvanised steel groundscrews
EXTENDED SPANS	Steel support beams available for deeper water crossings
HANDRAIL	Recycled plastic; available one side or both sides
DESIGN LOADING	5.0 kN/m ²
SLIP RESISTANCE	BS 7976 & BS EN 16165 tested See deck board options overleaf
DECK SURFACE	Grooved, evenly textured
DECK COLOUR	Dark brown
STRUCTURAL FIXINGS	Galvanised steel bolts

TYPICAL APPLICATIONS

→ Wetlands & nature reserves

→ Coastal & estuarine paths

→ Country parks & open spaces

→ SSSI & protected habitats

→ Flood-prone & waterside routes

→ Wildlife trust & conservation sites

RE-LIFE RECYCLED PLASTIC BOARDWALK

DECK BOARD OPTIONS – CHOOSE STANDARD OR GRIPMAXX PREMIUM ANTI-SLIP

RE-LIFE40 STANDARD

Recycled Plastic – Grooved Surface



- 100% recycled plastic (LDPE, HDPE, PP, ABS, HIPS)
- Won't warp, rot, splinter or attract insects
- UV resistance tested – ASTM D790
- Fire retardant – Class B2 DIN 4102
- 100% recyclable + Bison take-back scheme
- Zero maintenance – no preservatives needed
- Grooved, evenly textured surface
- Best for: standard-access wetland routes

SERVICE LIFE **60 yr**

RE-LIFE GRIPMAXX™

Premium Anti-Slip Recycled Plastic



- Aggregate anti-slip surface - ideal for demanding environments
- 100% recycled plastic with aggregate infill
- Tested to BS EN 16165 pendulum method
- HSE 'Low Slip Potential' – 1 in 1,000,000+ slip probability
- 100% recyclable + take-back scheme
- Won't warp, rot, splinter or degrade
- Zero maintenance; leach-free material
- Best for: algae-prone and high-risk wet sites

WET PTV **94** DRY PTV **112**

SERVICE LIFE **25-30 yr**

DESIGN STANDARDS & SUSTAINABILITY

100% Recycled Plastic

Posts, joists, bearers & deck boards

GripMaxx BS EN 16165

Pendulum slip test – 94 PTV wet

5.0 kN/m²

Independently load tested

Uniclass Ss_30_20_30_10

Boardwalk Systems

CAWS L30/460

Walkways

100% Recyclable

Bison take-back scheme

Made in Britain

UK Manufacture

1 CHOOSE YOUR DECK

Standard Re-Life40 for typical routes; GripMaxx for algae-prone or high-risk environments.

2 USE THE BOARDWALK DESIGNER

Configure your boardwalk online via our 'start building a boardwalk' tool and receive a tailored quotation and specification.

3 CONTACT US FOR SURVEY

Our team provides site surveys and full installation guidance across the UK.