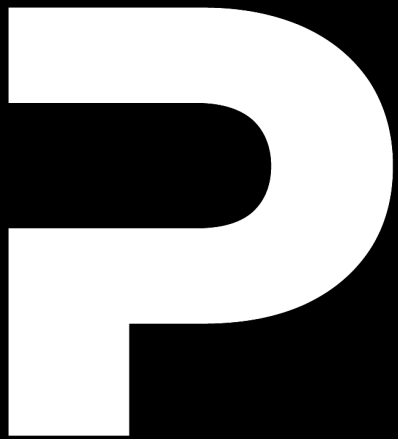




NBS PRODUCT DATA

PuraProTM

puracomposite.com

PuraPro™

DECKING BOARD · WOOD POLYMER COMPOSITE (WPC)

PuraPro™ is a reversible wood polymer composite decking board for external terraces and walkways. One face carries deep grooves, the other a wood-grain texture. This datasheet records the board’s dimensional, mechanical, fire, slip and sustainability data to EN and ASTM test methods.

SECTION SIZE	THICKNESS	LENGTH	FIRE CLASS
25 × 135 mm	25 mm	3.6 / 4.0 m	Cfl-s1

— SPECIFICATION

01

Product information

PROPERTY	VALUE
Profile	Reversible grooved / wood grain
Section size	25 × 135 mm
Total thickness	25 mm
Length options	3.6 m or 4.0 m
Colour options	Oak · Walnut · Charcoal · Slate Grey · Silver Ash
Finish	Deep grooves or wood grain
Material	Wood polymer composite (WPC)
Combustible	Yes
Anti-static surface	No
Non-skid surface	Yes

Technical performance

PROPERTY	RESULT	STANDARD / CONDITION
Coefficient of expansion	0.032 mm/m/°C	-30 °C to +30 °C
Flexural modulus	3969 MPa	Per technical spec sheet
Flexural strength	27.4 MPa	—
Impact strength	86 J/m	Izod, unnotched
Tensile strength	25.6 MPa	ASTM D638-10
Water absorption	1.81 %	—
Fire classification	Cfl-s1	EN 13501-1

NOTE

Acoustic, flammability and fragility ratings are not stated for this product. The board is combustible; classification Cfl-s1 describes reaction to fire of the flooring assembly, not non-combustibility.

Slip resistance

CONDITION	WOOD GRAIN	GROOVED	CLASSIFICATION
Wet	36	40	Low potential for slip
Dry	52	51	Low potential for slip

NOTE

Values are pendulum test values (PTV). A PTV of 36 or above corresponds to a low potential for slip; both faces meet this threshold wet and dry.

Sustainability & certification

PROPERTY	VALUE
Wood certification claim	FSC 100%
Recyclability	100 %
Recycled content	90 %
Recycled composition	60 % wood fibre · 30 % HDPE

REQUIRES CONFIRMATION

The stated recycled content accounts for 90 % of the product; the remaining 10 % is not defined. The FSC 100% claim applies to the wood fibre and should not be read as certification of the full composite. Confirm both before citing in a specification.

BIM / IFC data

FIELD	VALUE
IFC product class	IfcCoveringType
IFC predefined type	FLOORING

Companion components

Trim and fascia are produced from the same wood polymer composite and share the board's expansion, impact and water-absorption behaviour.

PROPERTY	PURAFIX™ CORNER TRIM	PURAPRO™ FASCIA
Profile	Uniform L trim	Uniform plank
Section size	54 × 49 mm	72 × 15 mm
Total thickness	5 mm	15 mm
Length	2.2 m	2.2 m
Finish	Brushed flat grain	Brushed flat grain
Colour options	Oak · Walnut · Charcoal · Slate Grey · Silver Ash	Oak · Walnut · Granite · Stone · White Ash
Coefficient of expansion	0.032 mm/m/°C	0.032 mm/m/°C
Impact strength	86 J/m (Izod)	86 J/m (Izod)
Water absorption	1.81 %	1.81 %