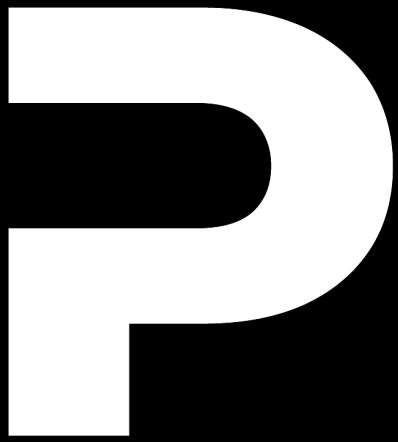




TECHNICAL DATASHEET

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**PuraPro™**

# PuraPro™

COMPOSITE DECKING BOARD · WOOD POLYMER COMPOSITE (WPC)

Consolidated mechanical, physical, fire and slip performance for PuraPro™ composite decking, each value stated with its test method to EN, ASTM and BS standards.

|            |                   |                  |             |
|------------|-------------------|------------------|-------------|
| DENSITY    | FLEXURAL STRENGTH | REACTION TO FIRE | WET COF     |
| 1.33 g/cm³ | 27.4 MPa          | Cfl-s1           | 0.36 – 0.40 |

— SPECIFICATION

01

## Product information

|              |                         |
|--------------|-------------------------|
| PROPERTY     | VALUE                   |
| Product name | PuraPro™                |
| Product type | Composite decking board |

— MEASURED TO STANDARD

02

## Technical performance

|                                         |                         |                                         |
|-----------------------------------------|-------------------------|-----------------------------------------|
| PROPERTY                                | TEST METHOD             | RESULT                                  |
| Density                                 | ASTM D792-13 Method B   | 1.33 g/cm³                              |
| Flexural strength                       | EN 15534-1:2014+A1:2017 | 27.4 MPa                                |
| Flexural modulus                        | EN 15534-1:2014+A1:2017 | 3969 MPa                                |
| Impact strength                         | ASTM D4812-11           | 86 J/m                                  |
| Shore D hardness                        | ASTM D2240-05(2010)     | 70                                      |
| Tensile strength                        | ASTM D638-10            | 25.6 MPa                                |
| Water absorption                        | EN 15534-1:2014+A1:2017 | 1.81 %                                  |
| Reaction to fire                        | EN 13501-1              | Cfl-s1                                  |
| Coefficient of linear thermal expansion | EN 15534-1:2014+A1:2017 | 34.2 × 10 <sup>-6</sup> K <sup>-1</sup> |
| Wet coefficient of friction             | BS 7976-2               | 0.36 – 0.40                             |

## Installation guidance

|    |                                                                                                                              |
|----|------------------------------------------------------------------------------------------------------------------------------|
| 01 | The customer is responsible for determining the suitability of PuraPro™ for the intended private or commercial installation. |
| 02 | Test reports, including slip-resistance reports, may support the product assessment.                                         |
| 03 | Ramps and inclined installations should be assessed against the applicable Part M requirements.                              |
| 04 | On a slope, install boards at right angles to the principal direction of travel.                                             |
| 05 | Consider the required slope conditions and rest-area intervals.                                                              |
| 06 | Grit strips are recommended where additional traction is required.                                                           |