QUALITY CERTIFICATE
CTB WPC DECKING CERTIFICATION

WPC (Wood Polymer Composite) profiles intended for the production of decking on spaced supports.
Non bearing product (pedestrian use only*)

**Are suitable for people traffic. Are not suitable to receive localized concentrated loads applied for long term, except if applied right above the discontinuous substructure (beams, joists, mechanically dimensioned accordingly).*

Company : CPG BUILDING PRODUCTS
Product : RELIABOARD
Identification N°: 06-01

The product mentioned here is certified by FCBA. It is entitled to the right of use of the Collective Certification Mark CTB WPC Decking under the conditions requested in the General Rules and the Regulations of the Mark. In case of dispute, only the French version of this certificate is the authentic text

PROPERTIES

CHARACTERISTICS

- **Mechanical properties :**
  - *Bending:*
    - Normal conditions (20°C, 65% HR)
    - Limit temperatures conditions (-18°C / + 60°C)
    - After physical ageing

    Modulus of elasticity at 20°C: E_m = 2496 MPa
    at 60°C: E_m = 1342 MPa
    Flexural resistance at 20°C : f_m = 15.7 MPa
    at 60°C : f_m = 8.8 MPa
    (characteristic value at 5% exclusion)
  - *Creep resistance at high temperature :*

    Creep coefficient : C_f = 3.96
    Rate of creep recovery : CR =0.43
    Elastic recovery : RE= 20.87
  - *Hardness*

    Brinell hardness : HB = 60 MPa
    Recovery rate : Re = 86.4%
- **Physical properties :**
  - *Behavior in terms of dimensional stability in limit temperature and humidity conditions*

    Thermal expansion coefficient :
    δ = 29.9 10^{-6} ($°C^{-1}$) (Lengthwise)
  - *Slip resistance*

    SRT Indice: Flat grain side
    Longitudinal : dry : 58.1 / wet :44.1
    Transversal : dry : 74.0 / wet :51.3
- **Characteristics of durability against biological agents**

  Resistance to wood destroying fungi
  (resistant to water uptake)
- **Appearance durability**

  Stable system according to EN 927-2
  (Informative values : chalking : 4 / general aspect: 5)
- **Relevancy of the information given on the technical documents**
- **Note :**
  - Only flat grain side on top

cofrac
CERTIFICATION DE PRODUITS ET SERVICES
ACCREDITATION N° 5-0011 PORTEE DISPONIBLE SUR WWW.COFRAC.FR

NOTE:

This certificate applies only to products labelled with the logo of the mark.

This certificate attests the quality of productions, based on continuous monitoring. It can not prejudge the decisions that could be taken during the year, after examination of the results of this control. The updated lists of the holders of the mark and the list of the certified products are available at FCBA and at www.fcba.fr website.

FCBA, Certification body

10, rue Galilée
77420 Champs sur Marne
Tél : +33 (0)1 72 84 97 84

INSTITUT TECHNOLOGIQUE www.fcba.fr

For the certification body

Certificate N° 516-17-2040-GB

LE DIRECTEUR CERTIFICATION
Alain HOCQUET

Date : 01/17/2017
Valid until 31/12/2017

2447