



DECLARATION OF PERFORMANCE

N° KRF_KRONOBRUT P4 / CTB-S_CPR-161_2015

1. Unique identification code of the product-type:
KRONOBRUT P4 / CTB-S / 19-22 mm
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):
Date of production (daytime, month, year) and number of Order of Manufacturing (OF) are indicated on the label of the package
3. Intended use(s) of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:
Wood based panel for internal use as structural component in dry conditions
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):
**KRONOFrance S.A.S.
Groupe KRONO SWISS
Route de Cerdon
45 600 SULLY-SUR-LOIRE
FRANCE**
5. Name and contact address of the authorised representative:
Not applicable
6. System of assessment and verification of constancy of performance of the construction product as set out in Annex V:
System 2+
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:
The notified body FCBA - Allée de Boutaut 33000 BORDEAUX France – number 0380 – performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of constancy of performance number: 0380-CPR-161.
8. In case of the declaration of performance concerning a construction product covered by a European Technical Assessment has been issued:
Not applicable

9. Declared performance:

| Essential characteristics | Performance | | | Harmonised technical specification |
|--|---|------------------|-------------------|------------------------------------|
| Thickness range | $18 \leq e \leq 20$ | $20 < e \leq 22$ | Unit | EN 13986:2015 |
| Bending strength | 15 | 13 | N/mm ² | |
| Bending stiffness (Modulus of elasticity) | 2 300 | 2 050 | N/mm ² | |
| Bonding quality | NA | | | |
| Internal bond | 0,35 | 0,30 | N/mm ² | |
| Durability (Swelling in thickness after 24h) | 15 | | % | |
| Formaldehyde release | Class E1 | | | |
| Reaction to fire | D-s2,d0 for a minimum thickness of 9 mm and a minimum density of 600 kg/m ³ | | | |
| Water vapour permeability | μ humid cup = 15 μ dry cup = 50 for an average density of 600 kg/m ³ | | | |
| Airbone sound insulation | NPD | | | |
| Sound absorption | $\alpha = 0,10$ from 250 Hz to 500 Hz $\alpha = 0,25$ from 1 000 Hz to 2 000 Hz | | | |
| Thermal conductivity | $\lambda = 0,12$ for an average density of 600 kg/m ³ | W/(m.K) | | |
| Strength and stiffness for structural use | NPD | | | |
| Impact resistance for structural use | NPD | | | |
| Strength and stiffness under point load for structural use | NPD | | | |
| Mechanical durability | NPD | | | |
| Biological durability | Class 1 | | | |
| Content of pentachlorophenol | PCP \leq 5 ppm | | | |
| Embedment strength | NPD | | | |
| General tolerances | | | | |
| Tolerance on length and width | \pm 5 mm | | | EN 324-1 |
| Tolerance on thickness (sanded) | \pm 0,3 mm | | | |
| Edge straightness tolerance | 1,5 mm/m | | | EN 324-2 |
| Squareness tolerance | 2 mm/m | | | |
| Moisture content (on delivery) | 5 – 13 % | | | EN 322 |
| Tolerance on the mean density within a board | \pm 10 % | | | EN 323 |

NA = Not Applicable
NPD = No Performance Determined

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

KRONOFRANCE SAS
Route de Cerdon
45600 SULLY SUR LOIRE

Anne Duisabeau, General Manager

Sully-sur-Loire, the 06/01/2015

Note : All information provided in this document rely on our experience and knowledge to date. Considering the continuous evolution of the product, standards and methods of calculation, Kronofrance reserves the right to modify this document without notice.

**CERTIFICATE OF COMPLIANCE
OF PRODUCTION CONTROL ON-SITE**

CE N° 0380 - CPR - 161

In the framework of the EU Regulation N° 305/2011 set forth by the European Parliament and the Council on 09 March, 2011, which harmonised the conditions to commercialise construction products and repealed Directive 89/106/CEE of the Council, it was established that for the following product:

KRONOBRUT or KRONODAL (P4)

Produced by: Sté KRONOFRANCE-SWISS

Manufactured in the facility located in: 45600 SULLY SUR LOIRE

FCBA, as the notified body N° 0380, carried out the initial inspect of the facility and tested production on site and carried out the audit, assessment and continuous approval of the on-site production (system 2+).

The present certificate attests that all provisions concerning the conformity attestation of the on-site production set forth in the harmonised technical specification of reference **NF EN 13986: 2005** have been applied.

This certificate was issued for the first time on **27/11/2013**, and except for withdrawal or suspension, shall remain valid as long as the conditions described in the harmonised technical specifications, production conditions on the site and production testing in the facility shall continue to conform.

The list of valid certificates of conformity can be accessed on the www.fcba.fr site.

(In case of litigation, only the French version of the present certificate is the authentic text).

Bordeaux
Allée de Boutaut - BP 227
33028 Bordeaux Cedex
Tél +33 (0)5 56 43 63 00
Fax +33 (0)5 56 43 64 80

Siège social
10, avenue de Saint-Mandé
75012 Paris
Tél +33 (0)1 40 19 49 19
Fax +33 (0)1 43 40 85 65

www.fcba.fr

For FCBA,

**Issued in PARIS on 23/01/2014
N° 161/2014-GB**

**LE DIRECTEUR CERTIFICATION
Alain HOCQUET**