

## Declaration of Performance

No.: DoP\_0002\_KorlamBV\_Block\_Glued\_Gluelam

### 1. Unique product type identification code:

Blocked glued laminated timber

### 2. Intended use of the building product according to harmonized technical specification:

Buildings and Bridges

### 3. Name, registered trade name or brand, along with the address of the producer

Korlam BV  
Breulstraat 111  
B-8890 Moorslede  
Tel. +32 51 78 88 88

### 4. Name and address of the authorized agent

No authorized agent

### 5. System of assessment and verification of performance constancy

System 1

### 6. Harmonized standard:

EN 14080:2013

### 7. Notified Body(ies):

No. 1161

### 8. If the building product is regulated by an European technical assessment:

Not Relevant

## 9. Declaration of performance:

| Main Features and Characteristics |                                                         | Performance                                                                                                                                                                                |
|-----------------------------------|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                   | Bending strength                                        | Classification based on the characteristics of laminations according EN 338 – assignment of strength class corresponding Table 4 or 5 EN 14080<br><br>Spruce/Fir:<br>GL24h, GL28h<br>GL28c |
|                                   | Compression strength                                    |                                                                                                                                                                                            |
|                                   | Tensile strength                                        |                                                                                                                                                                                            |
|                                   | Shear strength                                          |                                                                                                                                                                                            |
|                                   | Modulus of elasticity                                   |                                                                                                                                                                                            |
|                                   | Bonding strength                                        |                                                                                                                                                                                            |
|                                   | Strength of finger joints                               |                                                                                                                                                                                            |
|                                   | Geometrical data                                        | Please refer to the accompanying documents for the respective product dimensions.                                                                                                          |
| <b>Resistance to fire</b>         |                                                         | Based on geometric specifications and the material properties                                                                                                                              |
| <b>Bonding strength</b>           | Glue line integrity of surface bonding                  | Delamination test according EN 14080, Annex C, Test method B                                                                                                                               |
|                                   | Glue lines between components of glued laminated timber | Delamination test according EN 14080, Annex C, Test method B                                                                                                                               |

|                                              |                                                      |                                                                                                                                                                                                        |
|----------------------------------------------|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reaction to fire performance</b>          |                                                      | D-s2, d0<br>In accordance with EN 14080:2013<br>tabel11                                                                                                                                                |
| <b>Emission of formaldehyde</b>              |                                                      | Formaldehyde emission class E1                                                                                                                                                                         |
| <b>Release of other dangerous substances</b> |                                                      | NPD                                                                                                                                                                                                    |
| <b>Durability of bonding strength</b>        | Species                                              | Spruce/Fir                                                                                                                                                                                             |
|                                              | Adhesives Fingerjoint                                | MUF / Type I according EN301<br>I 90 FJ 0,1 S                                                                                                                                                          |
|                                              | Adhesives Lamination                                 | MUF / Type I according EN301<br>I 90 GF 0,3 S                                                                                                                                                          |
|                                              | Adhesives Block glued<br>Prefere 4546 + Prefere 5022 | MUF / Type I according EN 301<br>EN 301-I-90-GF-1,5-M                                                                                                                                                  |
| <b>Durability against biological attack</b>  | Lamination without preservative treatment            | Durability class 5<br>according EN 350                                                                                                                                                                 |
|                                              | Lamination with preservative treatment               | Product: Prev Construct Plus<br>(Micro-emulsie-Waterig concentraat)<br>Gebruiksklasse: A2<br>Penetration class: NP1<br>Retention class: 1,8 kg/m <sup>3</sup><br>Emission of hazardous substances: NPD |

NPD – No Performance Determined

10. The performance of the previous product corresponds with the declared performance/the declared performances. For the creation of this performance in accordance with the EU regulation No. 305/2011 the manufacturer is uniquely responsible for.

Signed in the name of the manufacturer:  
Name/signature/date