## **Declaration of Performance**

Ref No.: MEY-BR-ELLI-1001



1. Unique identification code of the product type:

105-84-9, 105-84-12, 105-84-15, 105-84-18, 105-84-24

2. Intended use or uses:

For use in Humid Conditions, Protected External and Short term weather exposure

3. The Manufacturer:

Meyer Timber Ltd, Blythe Bridge, Stoke on Trent, ST11 9LW

4. System or Systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V: System 2+

5. Harmonised standard: EN13986:2004+A1:2015

6. Notified body:

7. Declared performance:

| Essentia  | I Characteristics   | Declared Performan | nce Technical Class | Harmonised Technical Specification |
|---|---|--------------------|---------------------|------------------------------------|
| Thickness Range   |   | 9mm                |                     |                                    |
| Bending Strength (N/mm <sup>2</sup> ) Parallel to grain, mean |   | 33.10              |                     | EN310                              |
| Perpendicu  | Bending Strength (N/MM²)<br>Perpendicular to grain, mean      |                    |                     | EN310                              |
|   | Modulus of Elasticity (N/MM²) Parallel grain, mean            |                    |                     |                                    |
|   | Modulus of Elasticity (N/MM²)<br>Perpendicular to grain, mean |                    |                     |                                    |
| Bonding<br>Quality  | Mean Shear strength (N/MM²)                                   |                    | Class 2             | EN314-2                            |
|   | Mean % Wood<br>Failure  |                    |                     |                                    |
| Release of Formaldehyde (mg/m²h)                              |   |                    | E1                  | EN13986:2004+ A: 2015              |
| Average Density (Kg/m³)                                       |   | 560                |                     | EN323                              |
| Average Moisture Content                                      |   |                    | 9%                  | EN323                              |
| Reaction to Fire Class  |   | -                  | -                   | -                                  |
| Number of plies   |   | -                  | -                   |                                    |

| Essentia  | l Characteristics                       | Declared Performance | Technical Class | Harmonised Technical Specification |
|---|---|----------------------|-----------------|------------------------------------|
| Thickness Range   |   | 12mm                 |                 |                                    |
| Bending Strength (N/mm²) Parallel to grain, mean              |   | 29.8                 |                 | EN310                              |
| Perpendicu  | Strength (N/MM²)<br>ular to grain, mean | 15.9                 |                 | EN310                              |
| Modulus of Elasticity (N/MM²) Parallel grain, mean            |   | 7102                 |                 |                                    |
| Modulus of Elasticity (N/MM²)<br>Perpendicular to grain, mean |   | 2095                 |                 |                                    |
| Bonding<br>Quality  | Mean Shear strength (N/MM²) Mean % Wood |                      | Class 2         | EN314-2                            |
|   | Failure                                 |                      |                 |                                    |
| Release of Formaldehyde (mg/m²h)                              |   |                      | E1              | EN13986:2004+ A: 2015              |
| Average Density (Kg/m <sup>3</sup> )                          |   | 560                  |                 | EN323                              |
| Average   | Moisture Content                        |                      | 9%              | EN323                              |
| Reaction to Fire Class  |   | -                    | -               | -                                  |
| Number of plies   |   | -                    | -               | -                                  |

| Essentia  | l Characteristics                                    | Declared Performance | Technical Class | Harmonised Technical Specification |
|---|--|----------------------|-----------------|------------------------------------|
| Thickness Range   |  | 15mm                 |                 |                                    |
|   | gth (N/mm²) Parallel to ain, mean                    | 32.4                 |                 | EN310                              |
| Perpendicu  | Strength (N/MM <sup>2</sup> )<br>ular to grain, mean | 16.9                 |                 | EN310                              |
|   | sticity (N/MM²) Parallel<br>ain, mean                | 6367                 |                 |                                    |
| Modulus of Elasticity (N/MM²)<br>Perpendicular to grain, mean |  | 2115                 |                 |                                    |
| Bonding<br>Quality  | Mean Shear strength (N/MM²)                          |                      | Class 2         | EN314-2                            |
|   | Mean % Wood<br>Failure                               |                      | OldSS 2         | LN014-2                            |
| Release of Fo   | rmaldehyde (mg/m²h)                                  |                      | E1              | EN13986:2004+ A: 2015              |
| Average Density (Kg/m <sup>3</sup> )                          |  | 560                  |                 | EN323                              |
| Average   | Moisture Content                                     |                      | 9%              | EN323                              |
| Reaction to Fire Class  |  | -                    | -               | -                                  |
| Number of plies   |  | -                    | -               | -                                  |

| Essentia               | Il Characteristics                                   | Declared Performance | Technical Class | Harmonised Technical Specification |
|------------------------|--|----------------------|-----------------|------------------------------------|
| Thickness Range        |  | 18mm                 |                 |                                    |
| gr                     | gth (N/mm²) Parallel to ain, mean                    | 32.5                 |                 | EN310                              |
| Perpendicu             | Strength (N/MM <sup>2</sup> )<br>ular to grain, mean | 16.7                 |                 | EN310                              |
|                        | sticity (N/MM²) Parallel ain, mean                   | 5346                 |                 |                                    |
|                        | f Elasticity (N/MM²)<br>ular to grain, mean          | 2532                 |                 |                                    |
| Bonding<br>Quality     | Mean Shear strength (N/MM²)                          |                      | Class 2         | EN314-2                            |
|                        | Mean % Wood<br>Failure                               |                      |                 |                                    |
| Release of Fo          | rmaldehyde (mg/m²h)                                  |                      | E1 /            | EN13986:2004+ A: 2015              |
| Average                | Density (Kg/m <sup>3</sup> )                         | 560                  |                 | EN323                              |
| Average                | Moisture Content                                     |                      | 9%              | EN323                              |
| Reaction to Fire Class |  | -                    | -               | -                                  |
| Number of plies        |  | -                    | -               | -                                  |
|                        | Will   |                      |                 |                                    |

| Focontio   | I Characteristics                                    | Declared Performance | Technical Class | Harmonised Technical Specification  |
|--|--|----------------------|-----------------|-------------------------------------|
| Essential Characteristics                        |  |                      |                 | Harmonised reclinical Specification |
| Thickness Range                                  |  | 241                  | nm              |                                     |
| Bending Strength (N/mm²) Parallel to grain, mean |  | 25.9                 |                 | EN310                               |
| Perpendicu                                       | Strength (N/MM <sup>2</sup> )<br>ular to grain, mean | 18.6                 |                 | EN310                               |
|  | sticity (N/MM²) Parallel<br>ain, mean                | 4495                 |                 |                                     |
|  | Elasticity (N/MM²) ular to grain, mean               | 3267                 |                 |                                     |
| Bonding<br>Quality                               | Mean Shear strength (N/MM²)                          |                      | Class 2         | EN314-2                             |
|  | Mean % Wood<br>Failure                               |                      |                 | 211017-2                            |
| Release of Fo                                    | rmaldehyde (mg/m²h)                                  |                      | E1              | EN13986:2004+ A: 2015               |
| Average Density (Kg/m <sup>3</sup> )             |  | 560                  |                 | EN323                               |
| Average I  | Moisture Content                                     |                      | 9%              | EN323                               |
| Reaction to Fire Class                           |  | -                    | -               | -                                   |
| Number of plies                                  |  | -                    | -               | -                                   |

## 9. Appropriate Technical Documentation and/or Specific Technical Documentation:

The performance of the product identified above is in conformity with the set of declared performance/s. The declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Name: David Siggins

At (Place): Meyer Timber Ltd, 44 Berth, Tilbury Docks, Tilbury on (date of issue) 29/11/2018

Signature:

1224-CPR-0131 MRP-CE-14/CE2+

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