

# Declaration of Performance

Ref No.: MEY-CH-MGI-1002



1. **Unique identification code of the product type:**  
154-84-9, 154-84-12, 154-84-15, 154-84-18, 154-84-25
2. **Intended use or uses:**  
Commercial, Poplar Core, Tropical Red Faces, for internal use as a structural component in dry (use class 1) conditions
3. **The Manufacturer:**  
  
Meyer Timber Ltd, Blythe Bridge, Stoke on Trent, ST11 9LW
4. **Authorised representative:**  
Meyer Timber Ltd, Blythe Bridge, Stoke on Trent, ST11 9LW
5. **System or Systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V: 2+**
6. **Harmonised standard:** EN13986:2004+A1:2015
7. **Notified body:** Instituto Giordano S.p.A. Via Rossini, 2-47814 Bellaria-Igea Marine (RN) – Italy who issued certificate 0407-CPR-1116
8. **Declared performance:**

| Essential Characteristics   |  | Declared Performance | Technical Class | Harmonised Technical Specification |
|---|--|----------------------|-----------------|------------------------------------|
| Thickness Range   |  | 9mm                  |                 |                                    |
| Bending Strength (N/mm <sup>2</sup> ) Parallel to grain, mean           |  | 46.3                 |                 | EN310                              |
| Bending Strength (N/MM <sup>2</sup> ) Perpendicular to grain, mean      |  | 31.4                 |                 | EN310                              |
| Modulus of Elasticity (N/MM <sup>2</sup> ) Parallel grain, mean         |  | 5630                 |                 | EN310                              |
| Modulus of Elasticity (N/MM <sup>2</sup> ) Perpendicular to grain, mean |  | 1893                 |                 | EN310                              |
| Bonding Quality   | Mean Shear strength (N/MM <sup>2</sup> ) |                      | Class 1         | EN314                              |
|   | Mean % Wood Failure                      |                      |                 |                                    |
| Release of Formaldehyde (mg/m <sup>2</sup> h)                           |  |                      | E1              | EN13986, EN717-2                   |
| Average Density (Kg/m <sup>3</sup> )                                    |  | 525                  |                 | EN323                              |
| Average Moisture Content  |  |                      |                 |                                    |
| Reaction to Fire Class  |  |                      | d-s2, d0        | EN13986                            |
| Number of plies   |  |                      |                 |                                    |

| Essential Characteristics   |  | Declared Performance | Technical Class | Harmonised Technical Specification |
|---|--|----------------------|-----------------|------------------------------------|
| Thickness Range   |  | 12mm                 |                 |                                    |
| Bending Strength (N/mm <sup>2</sup> ) Parallel to grain, mean           |  | 50.3                 |                 | EN310                              |
| Bending Strength (N/MM <sup>2</sup> ) Perpendicular to grain, mean      |  | 20.3                 |                 | EN310                              |
| Modulus of Elasticity (N/MM <sup>2</sup> ) Parallel grain, mean         |  | 7136                 |                 | EN310                              |
| Modulus of Elasticity (N/MM <sup>2</sup> ) Perpendicular to grain, mean |  | 2352                 |                 | EN310                              |
| Bonding Quality   | Mean Shear strength (N/MM <sup>2</sup> ) |                      | Class 1         | EN314                              |
|   | Mean % Wood Failure                      |                      |                 |                                    |
| Release of Formaldehyde (mg/m <sup>2</sup> h)                           |  |                      | E1              | EN13986, EN717-2                   |
| Average Density (Kg/m <sup>3</sup> )                                    |  | 525                  |                 | EN323                              |
| Average Moisture Content  |  |                      |                 |                                    |
| Reaction to Fire Class  |  |                      | d-s2, d0        | EN13986                            |
| Number of plies   |  |                      |                 |                                    |

| Essential Characteristics   |  | Declared Performance | Technical Class | Harmonised Technical Specification |
|---|--|----------------------|-----------------|------------------------------------|
| Thickness Range   |  | 15mm                 |                 |                                    |
| Bending Strength (N/mm <sup>2</sup> ) Parallel to grain, mean           |  | 45.6                 |                 | EN310                              |
| Bending Strength (N/MM <sup>2</sup> ) Perpendicular to grain, mean      |  | 23.7                 |                 | EN310                              |
| Modulus of Elasticity (N/MM <sup>2</sup> ) Parallel grain, mean         |  | 6251                 |                 | EN310                              |
| Modulus of Elasticity (N/MM <sup>2</sup> ) Perpendicular to grain, mean |  | 2208                 |                 | EN310                              |
| Bonding Quality   | Mean Shear strength (N/MM <sup>2</sup> ) |                      | Class 1         | EN314                              |
|   | Mean % Wood Failure                      |                      |                 |                                    |
| Release of Formaldehyde (mg/m <sup>2</sup> h)                           |  |                      | E1              | EN13986, EN717-2                   |
| Average Density (Kg/m <sup>3</sup> )                                    |  | 525                  |                 | EN323                              |
| Average Moisture Content  |  |                      |                 |                                    |
| Reaction to Fire Class  |  |                      | d-s2, d0        | EN13986                            |
| Number of plies   |  |                      |                 |                                    |

| Essential Characteristics   |  | Declared Performance | Technical Class | Harmonised Technical Specification |
|---|--|----------------------|-----------------|------------------------------------|
| Thickness Range   |  | 18mm                 |                 |                                    |
| Bending Strength (N/mm <sup>2</sup> ) Parallel to grain, mean           |  | 36.4                 |                 | EN310                              |
| Bending Strength (N/MM <sup>2</sup> ) Perpendicular to grain, mean      |  | 28.8                 |                 | EN310                              |
| Modulus of Elasticity (N/MM <sup>2</sup> ) Parallel grain, mean         |  | 5214                 |                 | EN310                              |
| Modulus of Elasticity (N/MM <sup>2</sup> ) Perpendicular to grain, mean |  | 2502                 |                 | EN310                              |
| Bonding Quality   | Mean Shear strength (N/MM <sup>2</sup> ) |                      | Class 1         | EN314                              |
|   | Mean % Wood Failure                      |                      |                 |                                    |
| Release of Formaldehyde (mg/m <sup>2</sup> h)                           |  |                      | E1              | EN13986, EN717-2                   |
| Average Density (Kg/m <sup>3</sup> )                                    |  | 525                  |                 | EN323                              |
| Average Moisture Content  |  |                      |                 |                                    |
| Reaction to Fire Class  |  |                      | d-s2, d0        | EN13986                            |
| Number of plies   |  |                      |                 |                                    |

| Essential Characteristics   |  | Declared Performance | Technical Class | Harmonised Technical Specification |
|---|--|----------------------|-----------------|------------------------------------|
| Thickness Range   |  | 25mm                 |                 |                                    |
| Bending Strength (N/mm <sup>2</sup> ) Parallel to grain, mean           |  | 35.7                 |                 | EN310                              |
| Bending Strength (N/MM <sup>2</sup> ) Perpendicular to grain, mean      |  | 32.2                 |                 | EN310                              |
| Modulus of Elasticity (N/MM <sup>2</sup> ) Parallel grain, mean         |  | 4480                 |                 | EN310                              |
| Modulus of Elasticity (N/MM <sup>2</sup> ) Perpendicular to grain, mean |  | 3251                 |                 | EN310                              |
| Bonding Quality   | Mean Shear strength (N/MM <sup>2</sup> ) |                      | Class 1         | EN314                              |
|   | Mean % Wood Failure                      |                      |                 |                                    |
| Release of Formaldehyde (mg/m <sup>2</sup> h)                           |  |                      | E1              | EN13986, EN717-2                   |
| Average Density (Kg/m <sup>3</sup> )                                    |  | 525                  |                 | EN323                              |
| Average Moisture Content  |  |                      |                 |                                    |
| Reaction to Fire Class  |  |                      | d-s2, d0        | EN13986                            |
| 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):** 15/07/2018

**Signature:**



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