

**Declaration of Performance**  
**DoP MRP-CE-14/CE4**



|                        |                       |      |      |          |      |      |      |      |      |  |
|------------------------|-----------------------|------|------|----------|------|------|------|------|------|--|
| Product identification | PINE PLYWOOD EN 636-2 |      |      |          |      |      |      |      |      |  |
| Product Types          | 9mm                   | 12mm | 15mm | 18mm - 7 | 20mm | 22mm | 25mm | 21mm | 24mm |  |
| Layers/Piles           | 5                     | 7    | 7    | 7        | 9    | 9    | 11   | 9    | 9    |  |
| Intended uses          | FORMPLY C+/C+ OES     |      |      |          |      |      |      |      |      |  |

|                                              |               |  |  |  |  |  |  |  |  |  |
|----------------------------------------------|---------------|--|--|--|--|--|--|--|--|--|
| Name and contact address of the manufacturer |               |  |  |  |  |  |  |  |  |  |
| Harmonized standard                          | EN 13986:2004 |  |  |  |  |  |  |  |  |  |
| AVCP System                                  | 4             |  |  |  |  |  |  |  |  |  |

| Essential characteristics    | Declared performance                 | Technical Specification |
|------------------------------|--------------------------------------|-------------------------|
| Release of formaldehyde      | E1 (phenolic resin bonded)           | EN 13986 Anex B Note 2  |
| Bond quality                 | Class 3                              | EN 314-1/2 Type testing |
| Density                      | 570 kg/m <sup>3</sup>                | EN 323 Type testing     |
| Reaction to fire             | D-s2, d0 / Flooring - DFL-s1         | EN 13986 Table 8        |
| Water vapour permeability    | Wet - 70 μ / Dry - 200 μ Dry - 200 μ | EN 13986 Table 9        |
| Airborne sound insulation    | R = 13 x lg (m <sub>A</sub> ) + 14   | EN 13986 part 5.10      |
| Sound absorption coefficient | 0,10 / 0,30                          | EN 13986 Table 10       |
| Thermal conductivity         | 0,13 W (m.k)                         | EN 13986 Table 11       |
| Content of pentachlorophenol | < 5 ppm                              | EN 13986 part 5.18      |

| Dimensional tolerances | Declared performance | Technical Specification                         |
|------------------------|----------------------|-------------------------------------------------|
| Length and width       | +/- 3.0mm            | EN 324-2                                        |
| Squareness             | +/- 3.0mm            |                                                 |
| Straightness           | +/- 1.0 mm           |                                                 |
| Thickness              | See below per Type   | EN 324-1 / EN 315 / EN 12871                    |
|                        | Prodct Type          | 9mm 12mm 15mm 18mm - 7 20mm 22mm 25mm 21mm 24mm |
|                        | Maximum (mm)         | 9,5 12,6 15,7 18,7 20,8 22,9 26 21,8 24,9       |
|                        | Minimum (mm)         | 8,3 11,2 14,2 17,1 19 20,9 23,9 20 23,1         |

| Essential characteristics                  | Declared performance | Technical Specification                               |
|--------------------------------------------|----------------------|-------------------------------------------------------|
| Bending properties                         | See below per Type   | EN 310 Type testing                                   |
|                                            | Type                 | 9mm 12mm 15mm 18mm - 7 20mm 22mm 25mm 21mm 24mm       |
| Bending strength (N/mm <sup>2</sup> )      | Fk, 0                | 52,99 40,5 30,45 36,87 25,11 32,98 21,22 32,55 27,91  |
|                                            | Fk, 90               | 23,08 22,66 19,56 26,98 19,12 23,0 34,54 26,6 32,23   |
| Bending stiffness (N/mm <sup>2</sup> ) MOE | Fk, 0                | 4.930 7.056 4.211 4.789 4.761 3.454 3.567 4.564 4.009 |
|                                            | Fk, 90               | 1.234 1.232 1.990 3.000 5.454 2.676 3.121 2.777 3.888 |

| Essential characteristics | Declared performance | Technical Specification                         |
|---------------------------|----------------------|-------------------------------------------------|
| Collage                   | See below per Type   | EN 314-1 / 2                                    |
|                           | Type                 | 9mm 12mm 15mm 18mm - 7 20mm 22mm 25mm 21mm 24mm |
|                           |                      | > 1.0 Nmm <sup>2</sup>                          |