

NUMBER:

**DOP 001-CE4**

PRODUCT IDENTIFICATION:

Non-Structural Elliotti/Taeda Pine Plywood

PRODUCT THICKNESS:

09mm - 30mm

INTENDED USES:

For internal use as a non-structural component in dry conditions - EN 636-1

For protected external use as a non-structural component in humid conditions - EN 636-2

MANUFACTURER:

**MADEIREIRA RIO CLARO LTDA.**

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SYSTEM:

AVCP - System 4

| Essential Characteristics | Declared Performance        | Technical Specification |
|---------------------------|-----------------------------|-------------------------|
| Release of Formaldehyde   | E1                          | EN 13986                |
| Bond Quality              | Class 3                     | EN 314-12               |
| Density                   | 510 - 580 Kg/m <sup>3</sup> | EN 323                  |

| Dimensional Tolerances | Declared Performance | Technical Specification |
|------------------------|----------------------|-------------------------|
| Length and width       | + 1,6-mm /-3,0 mm    | EN 324-2                |
| Squareness             | +/- 1,0 mm/m         |                         |
| Straightness           | +/- 1,0 mm/m         |                         |

| Product Thickness | Bending Strength (N/mm <sup>2</sup> ) |       | Thickness Tolerance |          |
|-------------------|---------------------------------------|-------|---------------------|----------|
|                   | Fk,0                                  | Fk,90 | Max (mm)            | Min (mm) |
| 9 mm (05 Plies)   | 30,20                                 | 20,80 | 9,50                | 8,40     |
| 12 mm (05 Plies)  | 17,60                                 | 8,20  | 12,50               | 11,30    |
| 15 mm (05 Plies)  | 17,40                                 | 7,80  | 15,50               | 14,30    |
| 15 mm (07 Plies)  | 24,50                                 | 19,90 | 15,50               | 14,30    |
| 18 mm (05 Plies)  | 27,20                                 | 15,90 | 18,50               | 17,40    |
| 18 mm (07 Plies)  | 27,50                                 | 14,80 | 18,50               | 17,40    |
| 18 mm (09 Plies)  | 41,92                                 | 30,79 | 18,50               | 17,40    |
| 20 mm (05 Plies)  | 29,40                                 | 16,80 | 20,50               | 19,30    |
| 20 mm (07 Plies)  | 23,80                                 | 18,60 | 20,50               | 19,40    |
| 21 mm (07 Plies)  | 24,30                                 | 18,30 | 21,50               | 20,40    |
| 21 mm (13 Plies)  | 39,01                                 | 34,64 | 21,50               | 20,40    |
| 24 mm (11 Plies)  | 36,25                                 | 29,82 | 24,50               | 23,40    |
| 30 mm (15 Plies)  | 38,22                                 | 32,75 | 30,50               | 29,40    |

|                          |     |     |       |       |
|--------------------------|-----|-----|-------|-------|
| 15 mm (05 Plies) - T1-11 | --- | --- | 15,50 | 14,50 |
|--------------------------|-----|-----|-------|-------|

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**June, 2024**