



Europly-Lite Marine Plywood

PRODUCT DESCRIPTION

A superb Marine Light species produced from Fromager timber in West Africa.

Void free, lightweight and ready to use in non-construction marine environments where weight saving, durability are key issues in a project.

The complete assembly & manufacturing process undergoes a three times pressing system, thereafter the plywood goes under uniform calibration and a comprehensive sanding system to ensure stability and uniformity.

GLUING Class 3:

Phenol Formaldehyde bonding with high solid content - Use of the panel in an outdoor environment (EN 636-3)

FORMALDEHYDE EMISSION

All the light weight marine Plywood are being manufactured under CARB-P2 & ATSC-VI emission level.

~~~~~

|                | Standard | Unit  | Thickness Range         |    |    |    |    |    |    |
|----------------|----------|-------|-------------------------|----|----|----|----|----|----|
| Size           | EN 315   |       | 2440 x 1220mm (4' x 8') |    |    |    |    |    |    |
| Thickness      |          | mm    | 4                       | 6  | 9  | 12 | 15 | 18 | 25 |
| Layers         |          | plies | 3                       | 5  | 5  | 7  | 9  | 9  | 13 |
| Weight/sht lbs |          |       | 11                      | 16 | 23 | 31 | 39 | 46 | 62 |

| Technical Properties                    | Standard | Unit  | Value                                                   |
|-----------------------------------------|----------|-------|---------------------------------------------------------|
| Density                                 | EN323    | Kg/M3 | 360-390 +/-10%                                          |
| WBP Phenolic Glue                       | EN 310   |       | Can withstand minimum of 72hrs boiling at 100c in water |
| Bending Strength Long Grain/Cross-grain | EN 310   | N/mm2 | 30-35 N/mm2                                             |
| Glue Shear Strength                     | EN 310   |       | 1350 N/mm2                                              |
| MOE along the grain                     | EN 310   | N/mm2 | 5,000                                                   |
| MOE across the grain                    | EN 310   | M/mm2 | 3,500                                                   |
| Thermal conductivity                    | EN10456  | W/m K | 0.05                                                    |
| Moisture                                | EN 322   | %     | 6-8%                                                    |
| <b>Dimensional tolerances</b>           |          |       |                                                         |
| Thickness                               | EN 315   | mm    | +(0.2 + 0.03t); -(0.4 + 0.03 t)                         |
| Length/Width                            | EN315    | mm    | +/-3.5                                                  |
| Diagonal                                | EN 315   | mm/m  | 1                                                       |

