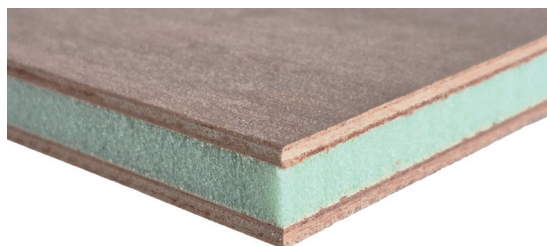


# AIRPLY® PET OKOUMÉ

## DESCRIPTION



- / AIRPLY® PET is a composite panel made of a face of Okoumé and a core of recycled PET (density 85).
- / It is produced using premium quality plywood manufactured by Panguaneta.



This panel composition ensures durability and moisture resistance. AIRPLY® PET is suitable where lightweight and structural strength are required. The mechanical properties are very similar to solid wood but more stable and more durable. This product range is created for high-end mechanical applications.

## SIZES

| PART NUMBER                    | 110569      | 110570 | 110571 | 110605 | 110599 |
|--------------------------------|-------------|--------|--------|--------|--------|
| Standard size in mm            | 2500 x 1220 |        |        |        |        |
| Total thickness in mm          | 16          | 19     | 21     | 23     | 26     |
| PET thickness in mm            | 10          | 13     | 15     | 17     | 20     |
| Okoumé plywood thickness in mm | 3 + 3       |        |        |        |        |
| Weight kg/panel                | 12,4        | 13,4   | 13,9   | 14,5   | 15,2   |
| Weight kg m <sup>3</sup>       | 271         | 232    | 217    | 206    | 192    |

## BONDING (EN636-3)

plywood:



STANDARD

panel:

water-resistant  
bonding

## FORMALDEHYDE RELEASE



## TECHNICAL DATA - EXAMPLE 110570

| TYPE                         | STANDARD          | UNIT               | LONG GRAIN | CROSS GRAIN |
|------------------------------|-------------------|--------------------|------------|-------------|
| Bending E-Modul              | DIN EN 310        | N/mm <sup>2</sup>  | 2320       | 2080        |
| Bending strength             | DIN EN 310        | N/mm <sup>2</sup>  | 18,3       | 16,5        |
| Fmax                         | DIN EN 310        | N                  | 578        | 524         |
| Thermal Resistance (R-Value) | UNI EN 12667:2002 | m <sup>2</sup> K/W | 0,435      |             |
| Screw extraction             | DIN EN 320        | N                  | 330*       |             |

\* 2.7 mm pre-drilled; screw-in depth 15 mm

**LIABILITY DISCLAIMER:** The test specimens used to determine the mechanical properties were taken from series production and tested in accordance with the specified standard. The information in the data sheet is based on our current knowledge and experience. No express or tacit guarantee can be derived from this. It is the responsibility of the user to determine the suitability of the information and products for his intended use.