COMPENSATI TORO S.p.A.
via Piverone, 4
I 10010 AZEGLIO (TO)
Tel. +39 0125 687999 Fax +39 0125 687979
info@compensatitoro.it
www.compensatitoro.co

Technical data sheet — TORO/HONEYCORE

TORO/HONEYCORE is a lightweight composite constituted by skins of okoumé marine plywood bonded with an honeycomb core made of okoumé plywood manufactured as a lozenge shape structure with dimensions 90 x 50 mm.
The particular core confers to the panel **good stiffness** and excellent mechanical properties in relation to its minimum density, allowing to obtain elements of high thickness and low weight at the same time.
This panel find his ideal application in the pleasure boat-building sector, where it is used for the construction of interiors, compartments and bulkheads. It is also produced with skins made of different marine plywood typologies and/or overlaid with **decorative sliced veneers**.
The data reported in the table below are an example of the possible composition between those available on request.

Performance characteristics[1]

Panel	Reference Standard	Unit	Values		
Thickness	EN 315	mm	**18**	**23**	**38**
Composition		mm	4 – 10 – 4	4 – 15 – 4	4 – 30 – 4
Density	EN 323	kg • m^{-3}	250	205	170
Weight		kg • m^{-2}	4.5	4.7	6.5
Bending strength:					
parallel to grain	EN 310	N • mm^{-2}	17	18	NA
perpendicular to grain	EN 310	N • mm^{-2}	12	13	NA
Modulus of Elasticity in bending:					
parallel to grain	EN 310	N • mm^{-2}	2 600	2 900	NA
perpendicular to grain	EN 310	N • mm^{-2}	1 900	2 000	NA
Skins of okoumé marine plywood					
Thickness	EN 315	mm	4	4	4
Bonding quality	EN 314-2		Class 3		
Formaldehyde release	EN 717-2		Class E1		
Honeycomb core of okoumé plywood					
Thickness		mm	10	15	30
Bonding quality	EN 314-2		Class 3		
Formaldehyde release	EN 717-2		Class E1		

1 **Warning**: The information given in this data sheet must be considered as mean values resulting from internal controls and are therefore indicative. The buyer is responsible for assessing the suitability of the panels to the specific application to which they are intended. He is also responsible that the modality of transport, storage and use of the panels are correct and conform to the guideline of the supplier and the requirements of applicable standards.