



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.com

Technical data sheet

TORO/APIROS/OKOUME'

The **flame retardant plywood TORO/APIROS/OKOUME'**, bonded with melamine adhesive, is made with rotary cut okoumè veneers and it is **impregnated by a special chemical solution which confers to the wood a significant behaviour against fire.**

The panel is characterized by its lightness and ease of processing, but it also shows good mechanical properties and fair natural durability. It is designed to meet safety requirements in terms of prevention and fire protection.

Fire reaction

Mark of Conformity - Wheelmark

The flame retardant TORO/APIROS/OKOUME' is available with the Wheelmark, suitable for marine application as decorative veneers for surface linings. The panels are certified MED with **Module B** and **Module D**, according to Directive 2014/90/UE and Regulation (EU) 2017/306 (Certificates n° 0987/MED-B/983 Rev.1 and n° 0987/MED-D/884 Rev.2), for thickness range: 2,2÷30,0 mm.

Performance values¹

Property	Standard	Unit	Values										
Thickness	EN 315	mm	2.2	4	6	8	10	12	15	18	20	25	30
Layers		n°	3	3	5	5	5	7	7	9	9	11	15
Density	EN 323	kg • m ⁻³	520 ± 40										
Weight		kg • m ⁻²	1.1	2,1	3,1	4,2	5,2	6,2	7,8	9,4	10,4	13	15,6
Bending strength:													
parallel to grain	EN 310	N • mm ⁻²	NPD	60	45	45	40	45	45	37	35	35	41
perpendicular to grain	EN 310	N • mm ⁻²	NPD	25	35	35	30	40	45	39	25	25	40
Bending elast. modulus:													
parallel to grain	EN 310	N • mm ⁻²	NPD	7 000	5 700	5 200	5 200	5 000	5 500	4 700	4 500	5 000	5 150
perpendicular to grain	EN 310	N • mm ⁻²	NPD	1 000	3 900	3 800	3 800	4 000	3 900	3 900	3 500	4 000	4 670
Bonding quality	EN 314-1 5.1.3		Class 3										
Release of formaldehyde	EN 717-1		Class E05 (Reach compliant)										
Thermal conductivity - λ	EN 12664	W • (m k) ⁻¹	0.13										

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.