

Guyana Timber Products Europe

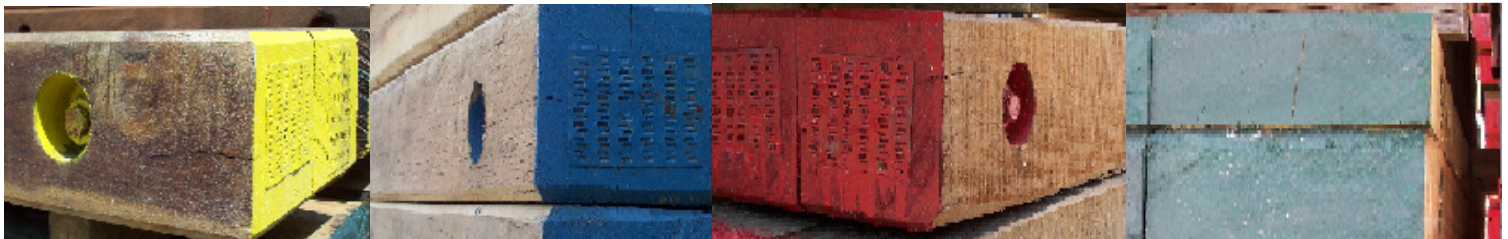


Physical properties timber species

Properties		<u>Azobe</u>	<u>Cumaru</u>	<u>Dabema</u>	<u>Greenheart</u>	<u>Mora</u>	<u>Wamara</u>
Weight at 12%	kg/m ³	1060	1070	850	970	1030	1200
Monnin hardness	N/mm ²	10,7	13,1	4,4	19,8	8,6	18,4
shrinkage %		0,69%	0,73%	0,55%	0,36%	0,68%	0,82%
Tangial shrinkage %		10,30%	7,70%	8,50%	8,20%	10%	8,30%
Radial shrinkage %		7,30%	5,50%	3,80%	7,50%	6,50%	6,30%
Crushing strength	N/mm ²	96	103	57	98	80	110
Bending strength	N/mm ²	162	170	98	217	141	202
Elasticity	N/mm ²	21420	26610	15190	30400	18940	32700
Grain		interlocked	interlocked	interlocked	straight grain	Interlocked	moderate straight /interlocked
Durability class		I/II	I	II/III	I	I/II	I
Fungi		durable	very durable	average	very durable	very durable	very durable
Termites		durable	durable	durable	durable	durable	durable

Source: CIRAD

These timber species are the right ingredients for an excellent performance and long life. In the majority of our mats, we apply the woods Cumaru Mora, Wamara 'iron wood' or Demerara Greenheart. These species from Guyana have a high wear and tear, are very resistance, have high strength properties, have a Monnin hardness and high durability.



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