



**A BETTER TIMBER MAT**

**IMPROVED STRENGTH CHARACTERISTICS OF EUCALYPTUS OVER MIXED HARDWOODS MAY ALLOW YOU TO USE SMALLER, LIGHTER, LESS EXPENSIVE EUCALYPTUS MATS ON YOUR NEXT PROJECT**  
*World Forest Group has 43% more bending strength and 33% more shear strength than an equivalent thickness mixed hardwood mat*

<b>World Forest Group Eucalyptus Mat Type</b>	<b>Eucalyptus Mat Thickness (inches)</b>	<b>Mixed hardwood thickness (inches) equivalence to Eucalyptus mats (bending strength Fb)</b>	<b>Comments</b>
<i>Regular duty</i>	6	Eucalyptus mat of 6 inches is equal to mixed hardwood mat bending strength of 7.2 inches.	Consider using two 6" Eucalyptus mats to replace laminated or bolted access mats. Lower cost of ownership because timber mats will last significantly longer than laminated mats.
<i>Medium duty</i>	6.75	Eucalyptus mat of 6.75 inches is equal to mixed hardwood mat bending strength of 8.1 inches.	<i>This 6.75" mat provides the same bending strength as an 8" mixed hardwood mat.</i>
<i>Strong duty</i>	8	Eucalyptus mat of 8 inches is equal to mixed hardwood mat bending strength of 9.6 inches.	<i>An 8" Eucalyptus mat provides 43% higher bending strength and 33% greater shear strength than an 8" mixed hardwood mat.</i>
<i>Heavy duty</i>	10	Eucalyptus mat of 10 inches is equal to mixed hardwood mat bending strength of 12 inches.	<i>This 10% mat provides the same bending strength as an 12" mixed hardwood mat.</i>
<i>Heavy lift</i>	12	Eucalyptus mat of 12 inches is equal to mixed hardwood mat bending strength of 14.3 inches.	<b><i>Check with your engineers</i></b> : You may be able to substitute one 12" Eucalyptus mat for your normal use of two 12" mixed hardwood mats.