



Bridge Decking, Timbers, Guard Rail Components and Fabrication

Designers, Manufacturers and their customers have long recognized the beauty, life cycle performance and environmental benefits associated with Naturally Durable Hardwoods for Bridge Constructions.



Time Tested

The steam anchor and ipe stock, dated 1618 and shown above, was salvaged from the 'Treasure Ship Margarita' off the Florida Coast after 140 years of marine borer exposure.



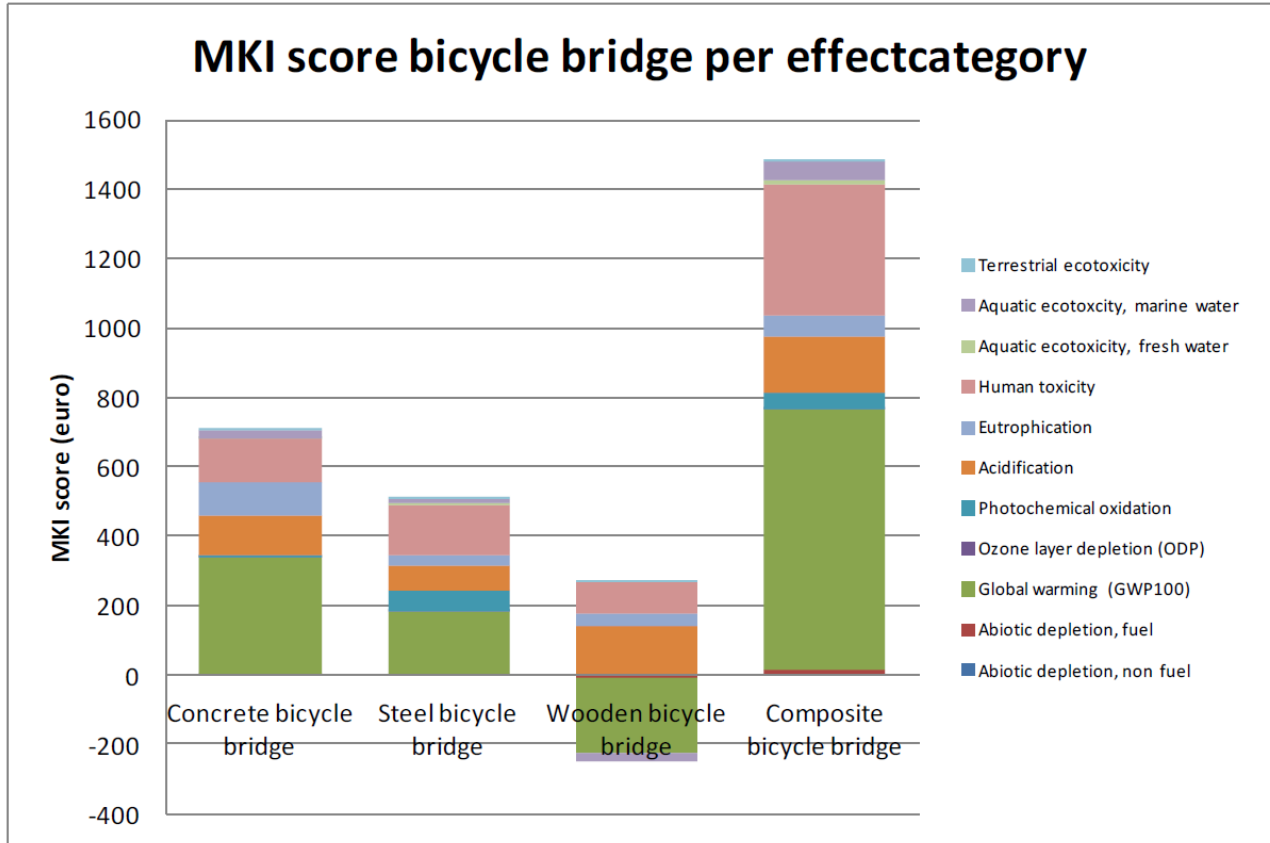
6200 Tomken Road, Mississauga
L5T 1X7, ON, CA
Phone: (905) 672-8000
www.wearetropical.com





Wood Vs Non-Wood?

Timber bridges demonstrate the lowest MKI (environmental cost indicator) of all bridge construction types. But don't take our word for it. The Dutch Government conducted a comprehensive study in 2014 to evaluate the environmental impact of various building materials. Here are the results of that study.



Also in 2014 post Hurricane Sandy the Army Corps of Engineers issued a memo addressing the life cycle financial costs of naturally durable tropical hardwoods verses various alternatives building materials for boardwalk reconstruction.

SUBJECT: Impracticality of non IPE lumber for Boardwalk Decking

1. The purpose of this memo is to provide clear evidence and justification for the necessity of specifying IPE/Bethabara/Cumaru/Macaranduba tropical hardwood lumber species for Boardwalk decking.

Complete documents are available upon request.



6200 Tomken Road, Mississauga
L5T 1X7, ON, CA
Phone: (905) 672-8000
www.wearetropical.com





Available Species and Dimensions

(Legal Lumber™ - "Due Care" and "FSC" Compliance options Available for all wood species).

Type – Black Label™ Ekki/Azobe

Durability Class- 1(Highly Durable)

Fire Rating – Class A

Resistance Termites – (High)

Resistance Marine Borers – (High)

Grade – Clear All Heart

Condition – AD

Surface – Yard Rough, Bright Sawn, Surfaced, Round or Profiled.

Dimensions Timbers/Decking – Max 16"x16" Free of Heart Rough, 16"x24" Heart In Rough, 15.25"x15.25" Surfaced Free of Heart, 12" Round Free of Heart, 16" Round Heart In, 7.5"x15" Molded

Lengths – Max 52'

Availability – Special Order 90-120 days

Type – Black Label™ Ipe

Durability Class- 1(Highly Durable)

Fire Rating – Class A

Resistance Termites – (High)

Resistance Marine Borers – (High)

Grade – Clear All Heart

Condition – AD

Surface – Yard Rough, Bright Sawn or Surfaced

Dimensions Timbers/Decking – Max 4"x12" Rough, 3.5"x11.25" Surfaced

Dimensions Posts – Max 6x6 Rough, 5.5"x5.5" Surfaced

Lengths – Max 20'

Availability – Stock and Special Order

Type – Black Label™ Cumaru

Durability Class- 1(Highly Durable)

Fire Rating – Class A

Resistance Termites – (Medium)

Resistance Marine Borers – (Medium)

Grade – Clear All Heart

Condition – AD

Surface – Yard Rough, Bright Sawn or Surfaced

Dimensions Timbers/Decking – Max 12"x12" Rough 11.25"x11.25", Surfaced

Lengths – Max 20'

Availability – Special Order 90-120 days



6200 Tomken Road, Mississauga
L5T 1X7, ON, CA
Phone: (905) 672-8000
www.weretropical.com





Type – Black Label™ Angelim

Durability Class- 1 (Highly Durable)

Fire Rating – Class A

Resistance Termites – (High)

Resistance Marine Borers – (Medium)

Grade – Clear All Heart

Condition – AD

Surface – Yard Rough, Bright Sawn or Surfaced

Dimensions Timbers/Decking - Max 8" x 12" Rough, 7.25" x 11.25" Surfaced

Lengths – Max 22'

Availability – Special Order 90-120 days



More than just a bridge...A Landmark

From raw materials, to prefabricated components, to dowel laminated girders, to complete bridge fabrications the design options are limitless.

TROPICAL FOREST PRODUCTS™, BLACK LABEL™ and LEGAL LUMBER™ brands represent the highest...quality control, technical, and environmental compliance standards in the naturally durable hardwood industry.



6200 Tomken Road, Mississauga
L5T 1X7, ON, CA
Phone: (905) 672-8000
www.wearetropical.com





Allowable Design Values, Design Assistance, Master Specification Language, Certificates of Compliance available upon request.

For more information visit us at - wearetropical.com



6200 Tomken Road, Mississauga
L5T 1X7, ON, CA
Phone: (905) 672-8000
www.wearetropical.com

