Jean Marie Tjibaou Cultural Center

Location: Nouméa New Caledonia

Architect: Renzo Piano
Owner: Noumea City
Year of completion: 1998
Climate: Humid Subtropical Climate
Material of interest: Iroko wood
Application: Exterior façade & Structure

Properties of material: The iroko (Clorophora excelsa) timber used extensively was imported from Africa (native to tropical Africa, from Sierra Leone to Tanzania); it was decided to use iroko because it was durable, and mostly resistant to attack by insects, fungi and mould.

Material used: Laminated wood and natural wood, concrete, coral, aluminium castings, glass panels, tree bark and stainless steel.

Manufacturer/ fabricator: The frames of all cases were pre-fabricated in France and assembled on-site.

Sources:
Architect website: http://www.rpbw.com/