

American Folk Art Museum

case study
By Alex Chow

Location: New York, NY



architect: Tod Williams and Billie Tsien Architects

owner: American Folk Art Museum

year of completion: 2001

climate: Humid Subtropical Climate

material of interest: Tombasil

application: Façade

properties of material: warm and silvery

material used: Commercially produced white bronze alloy (57% copper content) used for boat propellers, fire hose nozzles, and grave markers

Manufactured and fabricated at the Tallix foundry in Beacon, NY with Peter Sylvester, Vinnie Nardone, and Peter Holmstead

Initially tried pouring directly onto concrete and steel plates, however, heat caused water entrapped in the concrete to explode and the steel plates to warp and buckle

Developed sand molds taken from concrete and steel

sources:

architect website: www.twbta.com/