AIA Pavilion

Location: New Orleans, Louisiana, USA

Architect: Gernot Riether (design build studio at GIT)
Owner: AIA Competition
Year of completion: 2011
Climate: Humid Subtropical Climate
Material of interest: Plastic
Application: Exterior envelope

Properties of material: Each template was cut from PETG (glycol-modified polyethylene terephthalate) sheets, before being thermoformed into shape using a neatly designed adaptable mould. This material can either be produced from recycled plastic, or more pertinent to this location, from sugar cane: a plant that has been an integral part of the culture of Louisiana for over 200 years.

Sources:
http://www.archdaily.com/137993/
http://www.arch.gatech.edu/people/gernot-riether