

# AIA Pavilion

case study  
By Jina Kim

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>