

# Glen Oaks Library

case study  
By Sheng Yan

Location: Glen Oaks, New York, USA



**Architect:** Marble Fairbanks

**Owner:** Queens Library

**Year of completion:** 2013

**Climate:** Hot Summer Continental Climate (Koppen Climate Classification: Dfa)

**Material of interest:** Aerogel

**Application:** Exterior

**Properties of material:** Providing ample diffused natural light without sacrificing overall energy efficiency, Aerogel-filled 16mm polycarbonate panels were used on the exterior as both a glazing and insulation elements.

## Sources:

Architect Website: <https://www.marblefairbanks.com/>  
Web Magazine: [https://www.archdaily.com/483875/glen-oaks-branch-library-marble-fairbanks?ad\\_medium=gallery](https://www.archdaily.com/483875/glen-oaks-branch-library-marble-fairbanks?ad_medium=gallery)  
[https://www.ameriluxinternational.com/FeaturedProjects/mar2014eNewsletter/glenoakslibrary\\_article.php](https://www.ameriluxinternational.com/FeaturedProjects/mar2014eNewsletter/glenoakslibrary_article.php)

**Photographer:**

Eduard Hueber