

# A Simple Factory Building

case study  
By Sheng Yan

Location: Singapore



**Architect:** Erik L'Heureux/Pencil Office

**Owner:** N/A

**Year of completion:** 2012

**Climate:** Tropical Rainforest Climate (Koppen Climate Classification: Af)

**Material of interest:** Titanium Dioxide-Coated EIFS

**Application:** Exterior

**Properties of material:** EIFS panels were prefabricated in different dimensions to create a breathable screen for the building, which shields the equatorial sunlight for the interior. The panels are much more light in weight in comparison to precast concrete. Titanium Dioxide-Coating provides effective anti-weathering properties for the screen against sun and rain, effectively making the building look new after a few seasons.

**Sources:**

Architect Website: <http://penciloffice.com/>  
Web Magazine: <https://www.designboom.com/architecture/pencil-office-a-simple-factory-building/>  
<https://www.archdaily.com/431860/a-simple-factory-building-pencil-office>

**Photographer:**

Pencil Office