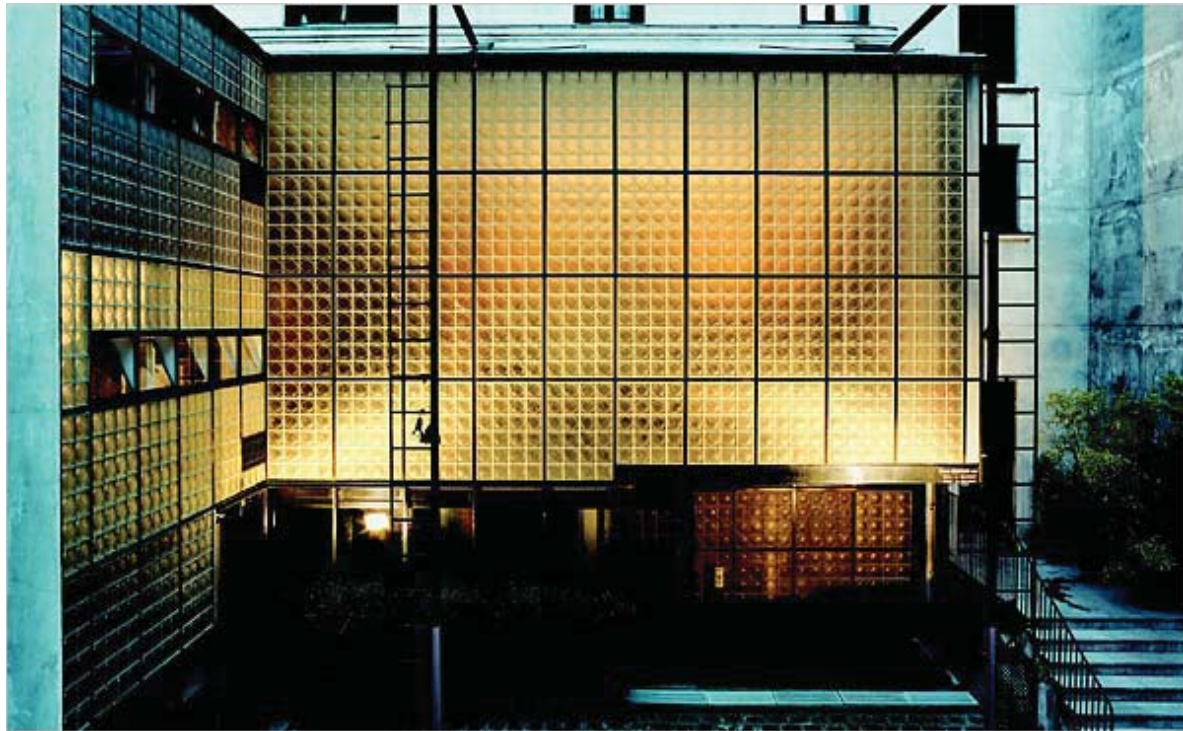


Maison de Verre

case study
By Emily Rosa

Paris, France



Architect: Pierre Chareau, Bernard Bijvoet

Owner: Dr. Jean Dalsace

Year of completion: 1932

Climate: Marine West Coast Climate

Material of interest: Glass blocks

Application: Exterior

Properties of material: The glass blocks for this house were custom made, with clear glass featuring an elegant circle. Glass blocks have a relatively low life cycle impact, being both recyclable and manufactured from unlimited natural resources. Moreover, being 100 percent glass, a glass block not emit any harmful volatile organic compounds (VOCs). Glass blocks allow daylight which is a necessary element of interior spaces. They are fire resistant, resistant to surface condensation, they provide light, heat, thermal and shading performance (relative to other uses of glazing), and are hurricane and earthquake resistant. Translucent but sturdy material, unit size allows for a variety of uses and configurations in building design

Sources:

<http://www.archdaily.com/248077/>

<http://continuingeducation.construction.com/article.php?L=99&C=361&P=3>

<http://www.nytimes.com/2007/08/26/arts/design/26ouro.html>