

The Johnson Wax Building

case study
By Ali Ward

Location: Racine, WI



Architect: Frank Lloyd Wright

Owner: S.C. Johnson & Son

Year of completion: 1939

Climate: Marine West Coast Climate

Material of interest: Pyrex Glass Tubes

Application: Exterior

Properties of material: This material was used in the building to allow for maximum natural lighting, hoping to reduce the amount of electricity used in the building. It diffuses natural light, while reducing glare. The tubes however, proved to have little insulation and had to be reworked from the original design intention.

Sources:

<https://s-media-cache-ak0.pinimg.com/originals/b5/49/5d/b5495d3be9ebfa19541aeedee8bd83d8.jpg>

https://dome.mit.edu/bitstream/handle/1721.3/33091/118077_cp.jpg?sequence=1

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