

# **Evaluation of the project results**

## Synagogue in Pilica

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# 3D Repository

- clear structure
- good accessibility of the IFC

# Pilica Synagogue (1914), Lodz University of Technology version by Michał Majchrzak [FBX]

The image shows a 3D model of the Pilica Synagogue (1914) within a digital 3D viewer. The model is a dark gray structure with a steep, gabled roof and a small entrance porch. It is positioned on a light gray grid-based plane. The viewer interface includes a top navigation bar with nine small 3D preview images of the model from various angles. On the left, there's a performance indicator showing "47 FPS (14-93)" with a battery icon. On the right, a sidebar contains a download icon and a menu with options: "Controls" (selected), "Editor", and "Hierarchy". Below the main view, a "METADATA" section provides the following details:

Title: **Pilica Synagogue (1914), Lodz University of Technology version by Michał Majchrzak [FBX]**  
License: **Attribution-NonCommercial-ShareAlike (CC-BY-NC-SA)**  
Author: **Michał Majchrzak, Miłosz Kazuła**  
Author affiliation: **Lodz University of Technology**

Uploaded file name: **TUL\_Pilica.glb**  
Loaded format: **glb**  
Vertices: **184338**  
Faces: **61446**

DFG 3D-Viewer DEMO: [https://3dtest.dfg-viewer.de/viewer?tx\\_dlf%5Bid%5D=https%3A//3d-repository.hs-m...](https://3dtest.dfg-viewer.de/viewer?tx_dlf%5Bid%5D=https%3A//3d-repository.hs-m...)



Pfeil

Markierung...

## ▼ Planung

Wand

Tür

Fenster

Decke

Stütze

Träger

Dach

Schale

Dachfenster

Fassade

Treppe

Geländer

Objekt

Lichtquelle

Wandabsch.

Morph

Freifläche

Öffnung

Raum

▶ Sichten

▶ Dokumentation

(!) 0. Level 0 [0. Level 0]

[Aktions-Center]

[3D / Alle]

x



Projektmappe durchsuchen

▼ TUL\_Pilica

Geschosse

2. Level 3

1. Level 1

0. Level 0

Schnitte

Ansichten

Innenansichten

Arbeitsblätter

Details

3D-Dokumente

▼ 3D

Allgemeine Perspekt

Allgemeine Axomet

▼ Auswertungen

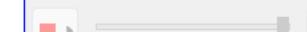
+ E X

Beschreibungen

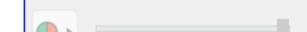
0. Level 0



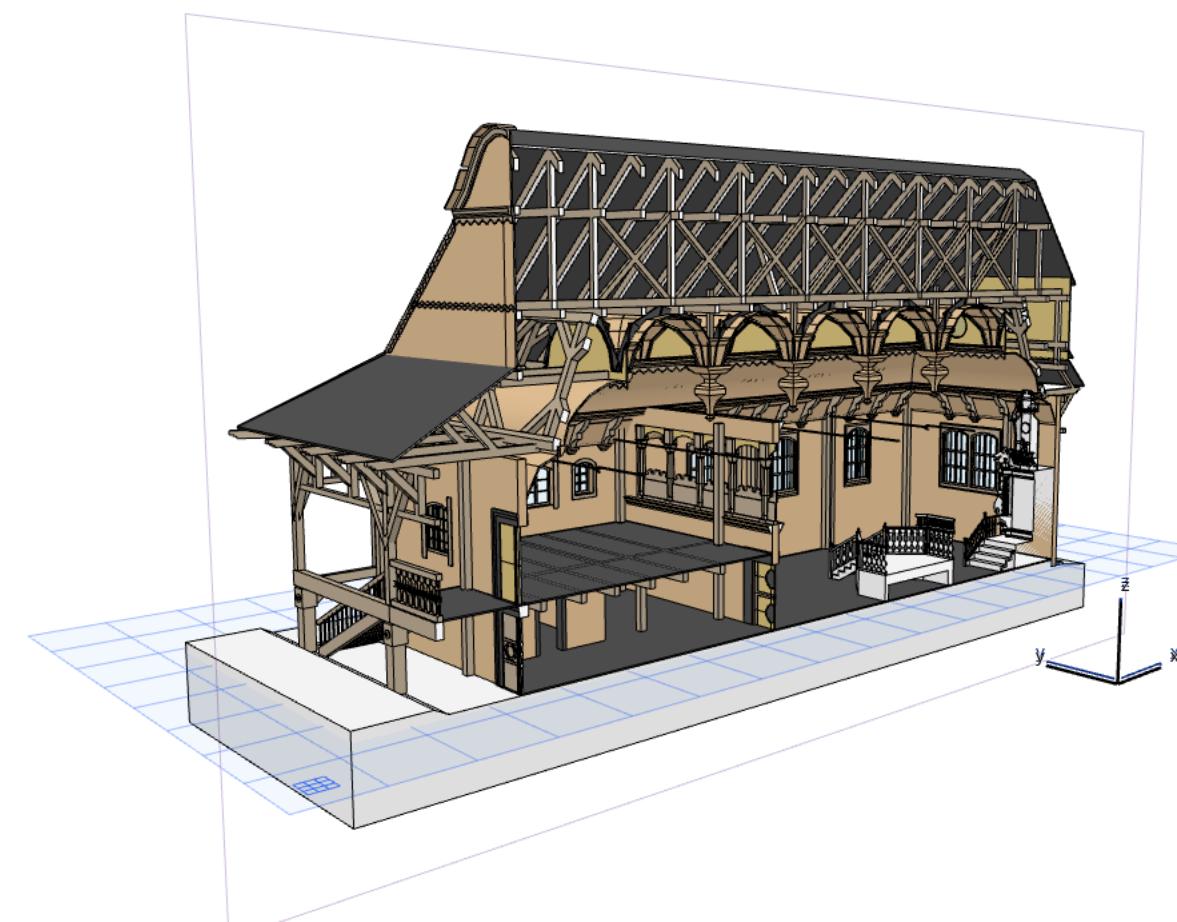
Transparentpause:



Aktiv:



GRAPHISOFT ID



# IDOVIR

- clear structure
- transparent evaluation of all sources
- good usage of the IDOVIR functions
- highly detailed documentation

[Synagogue in Pilica](#)

Synagogue structure ^

Synagogue

Construction

**Ceilings**

Columns

Roofs

Roof truss

Stairs

Walls

Vault

Openings

Doors

Windows

Projektstruktur

Quellenübersicht

Rekonstruktionen

Nutzerverwaltung

Projekteinstellungen

## Ceilings

Variant: ceiling1

### Argumentation

EN

The ceiling was partially handed down mostly because of low importance of that element in overall model. Nevertheless, it was reconstructed with high precision as much as sources allowed.

PL

### Rekonstruktionen

Evaluation

Benutzt im Ergebnis ✓

Geometrie



Oberflächenstruktur



Farbgebung



Abb. 101 Ceiling Pilica\_ceiling.png



Beschreibung

Ceiling of the synagogue in Pilica was reconstructed using survey drawings.

EN

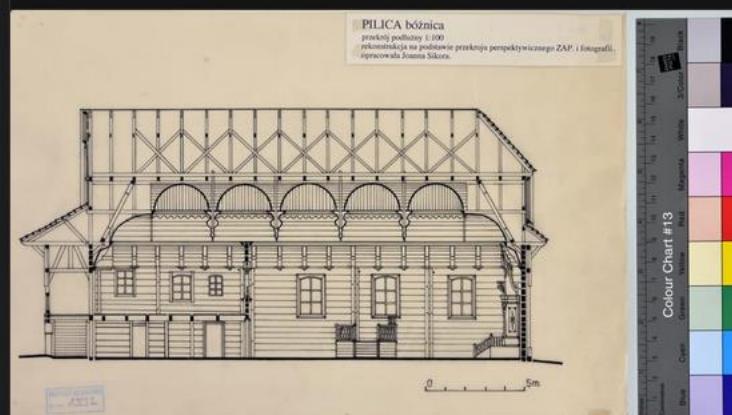
PL

### Quellen

Direkte Quelle

Aufmaß

Abb. 5 005\_Pilica\_IS\_PAN\_cross\_section\_03 IS\_PAN\_005\_Przekr3.jpg



Beschreibung

Longitudinal section of the synagogue in Pilica.

EN

PL

## Ceilings



Kommentare (0)

SK

Neuer Kommentar



Senden

[Synagogue in Pilica](#)

## Synagogue structure ^

Synagogue

Construction

Ceilings

Columns

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## Doors

## Variant: Internal door to main prayer hall

## Variant: External doors to the vestibule

## Variant: External doors to the women's g ...

## Argumentation

EN

The interior door of the synagogue in Pilica were reconstructed using historical photography. Good quality of source material allowed to reconstruct doors with high precision and meticulous attention to details.

PL

## Rekonstruktionen

Evaluation

Benutzt im Ergebnis ✓

Geometrie



Oberflächenstruktur



Farbgebung



## Quellen



Abb. 74 Interior doors to the main prayer hall Pilica\_door1.png



Beschreibung

The interior door of the synagogue in Pilica, which lead to main prayer hall, were

EN

PL

## Doors



Kommentare (0)

SK

Neuer Kommentar



&gt; Senden

# Uncertainty matrix

- good selection of criterea
- used IDOVIR project settings
- transparent explanation
- easily convertible in other forms of displaying like a graph

