



Description

The cistern (aljibe) of the castle of Los Vélez in Mula (Murcia) was designed and built to guarantee the water supply to the defenders of the keep in case of a siege. The exterior is protected by solid stone walls built directly on the natural bedrock. The cistern has a rectangular floor plan and is covered by a barrel vault. Inside it preserves the red plaster (almagra) that served both to waterproof the space and to improve water conservation.

This model was created from 867 images. The images were aligned and modeled in Agisoft Photoscan 1.4.

Specifications

Country: Spain

Region: Murcia

Site: Castle of los Vélez de Mula

Material: Stone

Age: Medieval

Provenance: Castle of los Vélez de Mula

Internal ID: aljibe_3-10-18-nonormal

Digitization date: 8/02/2018

Digitization method: Photogrammetry

Photos / scans number: 867

Hardware: Canon EOS 5D Mark IV

Lens: Canon EF 16-35 mm f/2.8L

Lighting: Lamps

Technician: Víctor Manuel López-Menchero

Postprocessing: Bart McLeod and Jeff Du Vernay

Model URL: <https://globaldigitalheritage.org/model/interior-aljibe-cistern-castillo-de-los-velez/>