



## DAMS

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# Our Experience - Dams



## Outstanding Projects:

- Irueña Dam, Spain
- El Alto Dam, Panama
- Las Cruces Dam, Panama



# Irueña Dam, Spain

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# Irueña Dam, Spain



**Location:** Salamanca, Spain

**Client:** Ferrovial Agromán

**Year:** 2000

**Description:**

75 m high vibrated concrete dam.

Special single-sided climbing formwork equipment was supplied for the dam and galleries.



# El Alto Dam, Panama

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# El Alto Dam, Panama



**Location:** Panama

**Client:** Hydraulic Del Alto (Cobra)

**Year:** 2012

**Description:**

Vibrated concrete dam 150 m. long and about 41 m. high.  
The equipment supplied was Alshor Plus shoring, Superslim beams and secondary aluminum purlins for the execution of the 2 diversion tunnels of 50 m. in length and a section of 7.5 m. wide by 5.0 m. high.



# Las Cruces Dam, Panama

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# Las Cruces Dam, Panama



**Location:** Panama

**Client:** CAFISA

**Year:** 2014

## **Description:**

The Las Cruces hydroelectric project consists of a CCR Dam with free spillway, 50 m. high, a 230 m. long diversion tunnel, a 4.5 m. pressure pipe and a Powerhouse at the foot of the dam with an output of 20 MW.

MEVA Imperial modular panels were supplied for the downstream face of the dam body and Kwistage (KS) formwork for the outlet slab of the powerhouse. The total KS formwork supplied was 1,700 m<sup>3</sup>, with a maximum height of 19.43 m, on which a flat formwork bottom was mounted based on Superslim primary beams, T200 secondary beams and Plywood formwork lining, for the pouring of a 50 cm thick slab.