

Concrete Arch-Gravity Dam

This concrete dam is an arch-gravity dam, designed for efficient water management. Its structure is engineered to withstand water pressure and transfer it to the surrounding rock.



General Overview

Bi Jia River Concrete Arch-Gravity Dam

The Bi Jia River dam is a robust concrete arch-gravity structure engineered for reliable water containment and pressure management. Its distinctive curved design allows for the efficient transfer of hydrostatic forces to the surrounding rock abutments, ensuring long-term structural integrity. This solution is ideal for large-scale hydrological projects requiring a combination of gravity-based mass and arch-action stability.

Structure Type	Arch-Gravity Dam
Primary Material	Concrete

Technical Specifications

Design Features	Curved Geometry, Arch-Action, Gravity-Stabilized, Hydrostatic Pressure Resistance
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