



AIR - FILLED RUBBER DAM

Rubber dams are hydraulic structures that control water in a more flexible manner than traditional water retention structures such as barrages, weirs, anicut and check dams. It is an air-powered flexible elliptical structure made up of high-strength rubberized material and attached to a strong concrete base. When inflated, they act as a weir and hold water; when deflated, they act as a flood mitigation mechanism and provide automatic sediment flushing. Around the world, more than 4500 inflatable rubber dams have been put into service.

ADVANTAGES



Cost Effective



Low Power Consumption



Quick Operation



Proven Reliability



No Rusting



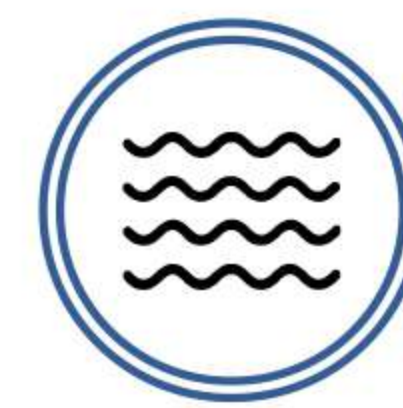
Faster Construction



No Moving Parts



State of Art Operation



Minimum Afflux



Minimum intermediate Piers

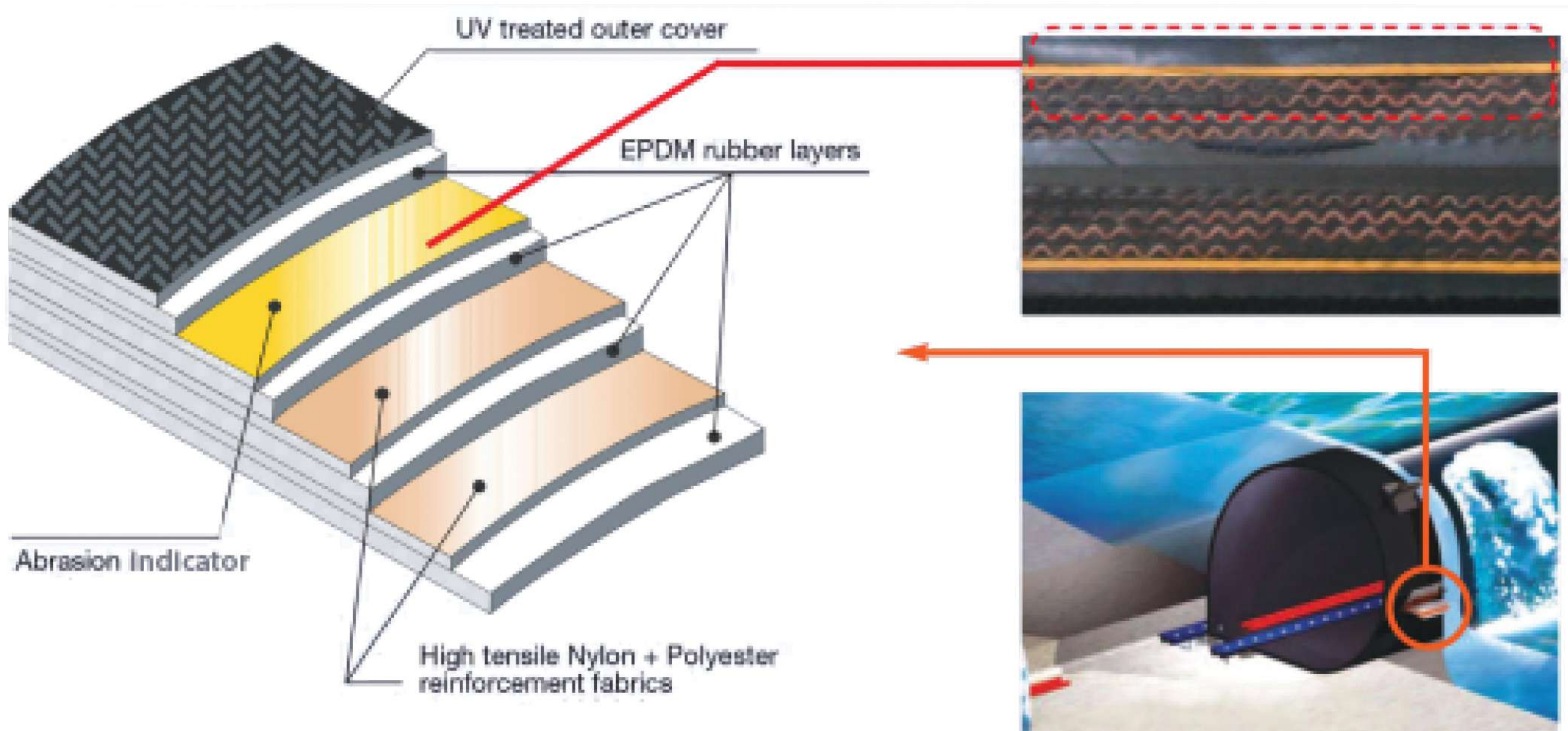


Very Low maintenance

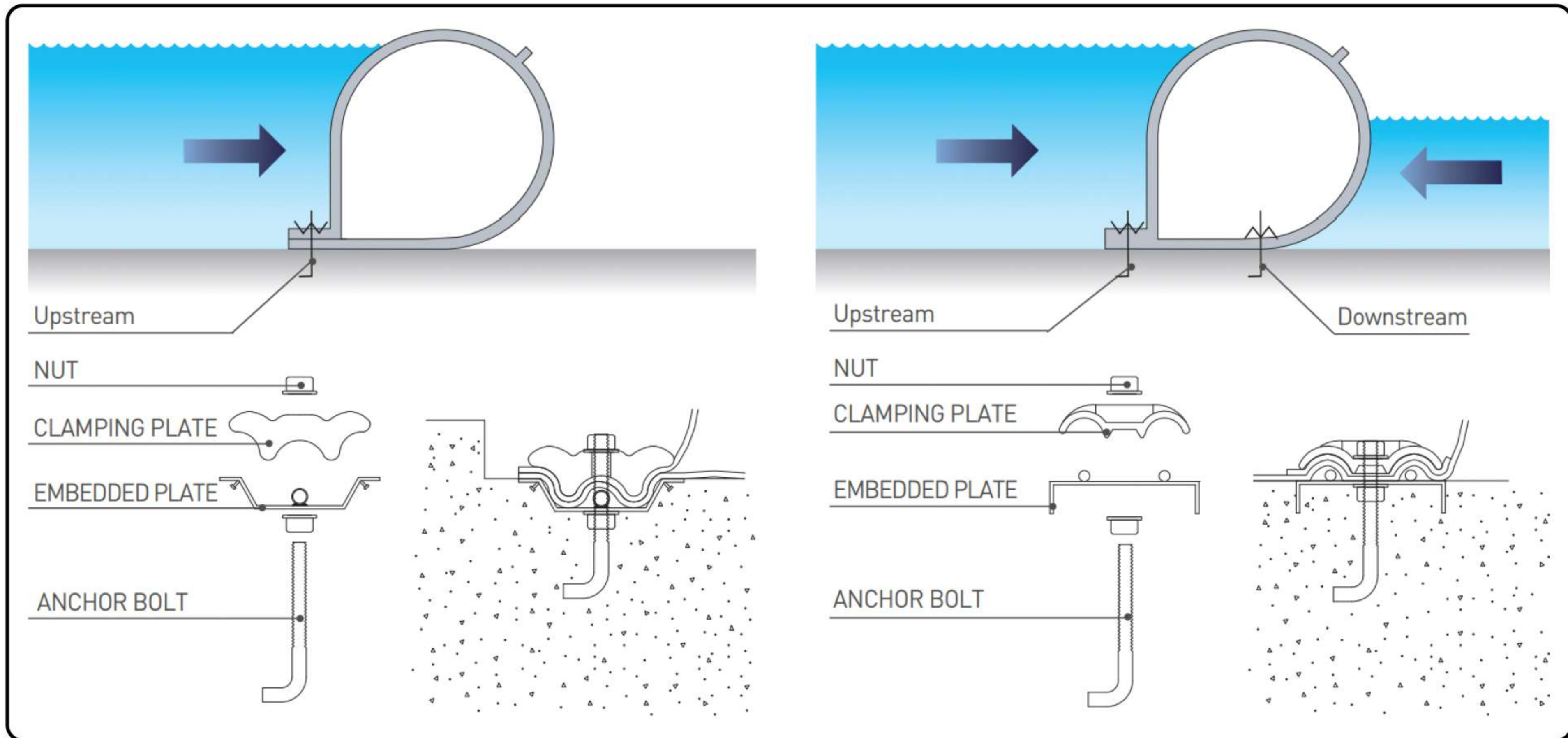


Minimum Interruption to river flow

STRUCTURE



FIXING COMPONENTS



APPLICATIONS



- Ground Water Recharge
- River Rejuvenation
- Reservoir Capacity Enhancement
- Diversion Structure for Hydropower



- Water Management for Drinking and Industrial Use
- Reservoir for Lift Irrigation Scheme
- River Front Development
- Prevention of Sea water intrusion into Fresh Water



COMPANY OVERVIEW

Subsidiary of Yooil Engineering, South Korea established in 1989.

Providing Water Management solutions for more than three decades.

Commissioned India's first ever Air- Filled Rubber Dam in 2021.

Highly Experience engineering, design, and execution team.

Completed more than 400 projects worldwide.

Offering innovative technologies like Air-filled Rubber dam, Bituminous Geo-Membrane (BGM), Hybrid Steel Gate and Pocket Dam for advance water management and environment solutions.

Complete end to end solutions

