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a.b.e.® Construction Chemicals

dura® joint PVC waterstops

KAFUE HYDRO ELECTRIC POWER PLANT WATERSTOPS



PROJECT LOCATION

Kafue River, Zambia



SIZE OF PROJECT

22, 000 l/m



NATURE OF PROJECT: dura® joint 300 mm Centerbulb

The Main Head Race Tunnel is 4470 m long and 12.8 m wide, delivering water to the Surge Chambers and Turbine House situated approx. 5 km lower downstream. **dura® joint** 300 mm Centerbulb has been utilised in the diversion tunnel, headrace tunnel, surge chambers and power house.

dura® joint waterstop range is extruded from specially formulated PVC material, which whilst flexible is easily welded on site to provide the primary seal in the waterproofing of water retaining and/or water excluding structures such as dams, reservoirs, digesters, water towers, canals, basements, car parks, retaining walls.

Hydrostatic pressure resistance in accordance with guidelines of ASTM D 5385-93. UV resistance in accordance with ASTM G 154-16.



OTHER PRODUCTS USED

Unknown



CONTRACTOR DETAILS

Powerchine Synohydro Construction / Norconsoult



PROJECT START & END DATES

2020



a.b.e.® EMPLOYEE INVOLVED

Trevor Enerson