

## Project Info



29 May 2021



CC5™



242 sqm



Transverse pattern



Lonavala, MH



Tata Power, India



Work Completion photo

This is the work of Tata Power, India. Duct line in Walwhan dam needed waterproofing treatment for leakage at various location. Duct line length is approximately 7.4 km which includes covered duct line, underground tunnel, aqueduct at different locations throughout this length. Duct having 3.2 m height & 3.8 m bed it supplies the water directly to the plant.

After explaining our product to them they were covence to do 20 m patch work in the duct are where they have the more leakage problem. This work is started on 29<sup>th</sup> of may 2021 in night & day shift continuously without break & completed on 30<sup>th</sup> may 2021. As they had given only 18 hrs to work (from Saturday night 12.30am to Sunday evening 5 pm) but we had completed this work before time at 2 pm on Sunday.

We did microlevel planning for this work, TATA power did preparation work under our supervision before a week via his contractor then in next week after before 4 days ago we reached there to do cutting & welding. After 2 days the remaining team reached on site.

Tata power team happy with our work & our workmanship. They appreciate our work & team spirit.





Photos Pain point of duct line showing cracked & eroded concrete lining



Dewatering of duct line



*Cleaning of damaged surface of duct line from algae, moss, dust, undulations & moisture*



*Groove Formation on start & end of work for backfilling*



*Cutting of CC5 as per measurement in length & thermal welding in width direction to widen it to 1.9m*



*Rolling & packing prepared rolls to transport from godown to site*



*Unrolling from centre & sticking with surface*



*Sealant work on PVC portion*



*Sticking on Vertical sides*



*Hilti fixing on top*



*Similar installation of next patches*



*Installation of all patches*



*Anchor fastening on top edge*



**waterproofing  
chemical coating**

**Mappi tape on  
overlapping**

**Concrete  
Backfilling**

*Overlapping securing with epoxy chemicals & stick tape*



*Hydration work*



*Full Supply Level after installation done in duct line*