

# Protective Forto-rope for hydro power plants

Forto-rope is a new revolutionary way to avoid icing and ice dam build up issues in hydro power plants. Setting up Fort-rope into a river near where water enters turbines, will dramatically decrease the possibilities to encounter these troublesome situations.

When cold water is flowing to hydro plants turbine screens, it commonly starts to create ice. During cold times, ice thickness increases, possibly causing interruptions in power generation.

It has been tested several times in practise, Forto-rope is fulfilling all its expectations. Forto-rope calms the surface flow of the river, making it freeze more evenly. Under the protective ice coat, water enters turbines without any freezing effect. Forto-rope catches loose, floating ice blocks and avoids ice dam formation.

Forto-rope is made from 10cm thick polypropen fibre. It is very strong but at the same time, it is very easy to handle. There is no wearing or stretching of the rope itself. The rope material has been used successfully in marine and military applications, oil industry and in harbours.

Forto-rope is delivered by Xpoint International Oy.

*Forto-rope promotes even ice coating on river surfaces.*

## Forto-rope

- » *Guides the river flow*
- » *Secures operation of hydro power plant in winter conditions.*
- » *Stops ice dam build up and reduces the risk of winter floodings.*
- » *Stops ice build in turbine screens.*
- » *Easy to install and wind back when not in use.*
- » *Effective, long lasting and very high- quality product.*



## Contact Us

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