References

Environmental friendly heating and storm water systems in new Launonen day-care centre



Uponor involvement

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Environmental friendly heating and storm water systems in new Launonen day-care centre

The Launonen day-care centre has environmental friendly heating and storm water handling system which ensure the better environment for the children.

Project Facts:

Location
Loppi, Finland

Completion
2009

Vrsta objekta
Municipal

Product systems
Storm water

Address
Kartanontie 24

Project Type
Renovation

Partners

enduser
Lopen kunta

architect
Arkkitehtitoimisto Ajak Oy

At the end of last year the new day-care centre called Launonen was introduced in town of Loppi. The new day-care centre has two parts, the old day-care centre and new expansion part. The design project was decided in the competition that won architects Adalbert Aapola and Jakko Kettunen from agency called Ajak Oy. Their design was called the Circus.

Beside the new expansion the old heating system was renovated. Now the whole day-care centre is heated with geothermal system with ten drill holes and 210 meters of pipe. The old system, oil heating, has been preserved just in case.

The day-care centre has been built on old single family house area which has no storm water system. Therefore there had to take into account especially the storm water handling and suitable solution for it. The solution was storm water cassettes from Uponor. All the storm water from the roof of the building and also from the parking lot are leaded to the system. All together 90 cassettes were needed to handle the estimated amount of storm water.

The HEPAC technician of the town of Loppi, Pasi Träff, was interested on the new way of handling the storm water. – Uponor performed all the required tests in the location and discovered that the conditions were good and the ground water is low enough to affect the cassette system. Now when the installation is ready there is only a parking lot with working storm water system.

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