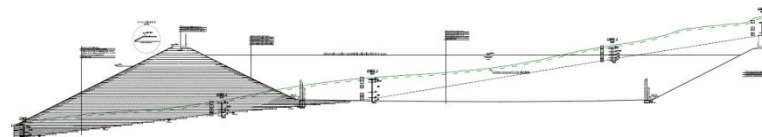
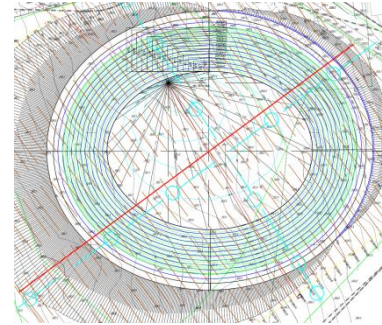




Artificial Snow Water Reservoir - Szczyrk – Poland



Membrane	Layer n°1: Firestone GeoGard 1.1 mm Layer n°2: Firestone GeoGard 1.5 mm
Surface	32,000 m ² (pond size = 16,000 m ²)
Installation	September/October 2017 >3,000 m ² /day
Height	13.0 m
Storage	100,000 m ³
Geotextile	700 g/m ² with CBR value of 10kN
Geocomposite	Afitex DrainTube between the 2 liners



After a successful installation in 2009 of a 25,000 m² snow water reservoir, the Slovak company J&T trusted again the Firestone GeoGard™ EPDM geomembrane for a new highly-engineered snow water reservoir.

No detail was overlooked. One third of the entire embankment was stabilized with a concrete layer. A high-quality protective geotextile was installed over the compacted rocky surface and the concrete. The entire pond was covered by two layers of Firestone GeoGard™ EPDM geomembrane separated by a water drainage geocomposite (drainage tubes cushioned between two layers of geotextiles). In case of a damage of the top EPDM geomembrane, the geocomposite will collect and bring the leaking water to a monitoring device that will immediately detect the leak and evaluate its magnitude.

This highly-secured snow water reservoir is bringing this project to the upper level of our references for this segment.



