

Largest round silo facility in Switzerland, 2 x 600m³, Domdidier

Switzerland



Project details

Client:	Office fédéral des routes OFROU Estavayer-le-Lac
Architecture:	OPAN concept SA
Project type:	Wooden silos
Construction:	2019
Locality:	Domdidier
Country:	Switzerland

Construction data

Product/Component	Round silo
Model/Type	Automation systems, Display for top automatic, Salt manager, Mobile return conveyor, Galvanised steel construction
Volume	2 x 600, 1200
Stocked goods	Salt

Information Silo

Silo volume:	2 x 600m ³
Silo height:	24,71m
Total height:	2 x 7,90m
Passage width:	6,42m
Total height:	4,30m

Project description

The largest round silo facility in Switzerland is built on a steel substructure and offers everything needed for today's winter service. The side facades consist of larch inverted formwork with polycarbonate light panels. Roof, side facade and wind net serve as weather protection. The salt is purchased by logging in the vehicle. The desired quantity can then be entered. Loading takes place automatically. The brine plant, which was built in cooperation between the plant constructor and BL Silobau, works with the same system. Salt and brine quantities are integrated in the salt manager and can be viewed from anywhere via the Internet. Salt residues in the gritting vehicle can be returned to the silo via a mobile salt conveyor system.

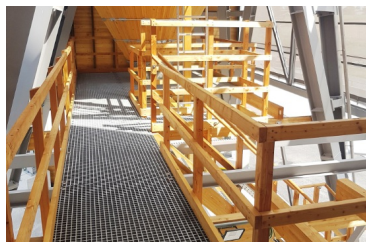
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Substructure and mobile salt return conveyor system

Round wooden silos for winter maintenance in Domdidier with a façade made of larch inverted formwork and polycarbonate light panels



Steel substructure and loading area with the possibility of independently obtaining the salt by means of logging in

Interior view of the round silo facility in Domdidier