New construction roofing Creabeton, Lyss

2008

Creabeton Lyss manufactures a variety of concrete semi-finished products, including various interlocking blocks for use in horticulture.

The project

To prevent the interlocking paving stones from being weathered and thus discolored during temporary storage on the plant site, a new open hall building is to cover the storage area.

The construction method

he main supporting structure of the 20 x 100 m hall was formed by nine arched trusses made of glulam on clamped steel columns. Rafter purlins spaced about 3.25 m apart served as the secondary supporting structure, which in turn supported the trapezoidal sheet metal of the roof covering. Wind bracing was arranged in two bays to brace the roof structure. The costs: compared to the originally planned steel hall, the execution in wood saved about 12% of the costs.

Wind dressing

Steel column and wooden truss

Old and new roofing

Clamped support

Construction Data
- Glulam GL24h 67 m^3

Services of Timbatec
- SIA phase 32 construction project
- Structural analysis and design
- SIA Phase 41 Tendering and comparison of offers
- SIA Phase 51 Implementation project
- Product development

Client
Creabeton
3250 Lyss

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