



CERTIFICATE Alu 20m

Date : July, 2016
Period of validity: 2 years

The **Aluhal 20m, 2.8m sideheight** is manufactured in Bree, Belgium by the company EFS nv Veldeman group.

main profile = alu profile 240/100 (alloy = EN AW-6061 T6)
bay distance = 5m

The structure is in conformity with the **European Standard EN13782** for “temporary structures – tents” and is able to resist the following design loads :

- Wind load : design gust wind velocity of **100 km/h** (= 0.5 kN/m²) ;
- Snow load on the roof of **20 kg/m²** (8cm).

The stability is assured under the following conditions :

- the structure is well anchored to the ground;
- the structure is completely closed;
- on each extremity of the structure, wind bracing cables are needed across the whole bay. The maximum distance between two bays with bracing cables is 25m (= 5 bays). When this distance is exceeded, an extra bay with bracing cables is needed;

When one of these design loads are exceeded, measures have to be taken, such as for example removal of the snow on the roof, or the structure has to be evacuated.

For EFS nv
Veldeman Structure Solutions

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