

ALL WEATHER HALL



ALL-WEATHER SOLUTION

The All-Weather Halls by De Boer offer a very flexible solution for a multitude of storage needs. The halls are available in modular sizes varying from 20 to 40 m in width (free span) and side heights from 3-8 m. The halls are extended in standard sections of 3 or 4 m.

The structure was first engineered and developed to comply with Swedish regulations for wind- and snow loads. It has been thoroughly tested under these conditions for the last 20 yrs and the AW Halls have been used very successfully as storage solutions in a range of industrial applications, for instance in the paper, timber, steel, car and harbour industries.

The structures can be fixed to the ground by using base plates with varying types of anchors, depending on the composition of the underground. For our larger structures, 25 m in width and up, concrete blocks may also be used for anchoring and if the hall needs a concrete floor, that floor can also be used to anchor the structure. The hall has a PVC-cover on both sides and the roof as standard. The structure can also easily be equipped with cladding on the sides.

Our halls present a storage solution with the potential to be much more. In their most basic form they can be used as unheated storage space or weather shelter. When you require a heated space we are able to offer a variety of standard solutions in insulation and heating. The eventual decision on finishing depends on what indoor temperatures are required in which climate, and also for how long the structure is needed.

If the indoor needs to be dry but not warm the most cost-efficient solution is to build a hall with PVC-cover and install a dehumidifier. Because the hall with PVC-cover can be built almost airtight with little extra effort, a dehumidifier is easy to install and subsequently will operate very efficiently. Aside from heating and dehumidifiers, our halls also come with a range of standard solutions for doors, ranging from personnel entrances to industrial size sliding doors.

To obtain more information on the possibilities for your company please contact De Boer for a personalised advice.



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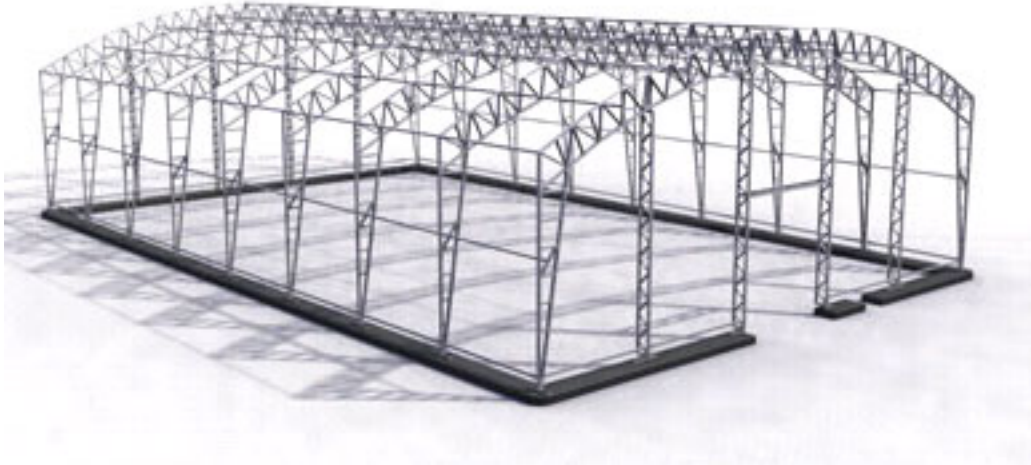
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DE BOER COVERS ALL

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Available in the following models:

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| Width = 20m | Side height = 3 - 6m | Ridge height = 5.7m at 3m side height |
| Width = 25m | Side height = 3 - 8m | Ridge height = 6.4m at 3m side height |
| Width = 30m | Side height = 3 - 8m | Ridge height = 7.1m at 3m side height |
| Width = 40m | Side height = 3 - 8m | Ridge height = 8.4m at 3m side height |

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|---------------------------------|---|
| Width | 20m / 25m / 30m / 40m |
| Side height | 3 - 8m |
| Ridge height | 5.7 / 6.4 / 7.1 / 8.4m at 3m side height |
| Bay distance | 3 and 4m |
| Doors | Standard sliding door 4 x 4m All types of doors are possible |
| Anchoring | Groundframe and earth spikes/anchors |
| Steel types | KKR-profiles and U-profiles |
| Hot dipped galvanization | SS-EN ISO 1461 |
| Snowload | 2.0 (200 kg/m ²) / 3.0 (300 kg/m ²) / 3.0 (300 kg/m ²) / 3.0 (300 kg/m ²) |
| Windload | 26 m/sec, type of terrain I |

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| Quality of tarpolin (Placed on the outside) | |
| - Material | PVC covered polyester tarpolin 1100 dtex panama 2/2 |
| - Thickness | 0.65-0.75 mm, weight 870-930 g/m ² |
| - Type of approval | Sveriges provnings och forskningsinstitut no: 2382/80 |

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| Type of tarpolin (Placed on the inside) | |
| - Material | PVC covered polyester tarpolin |
| - Thickness | 0.38-0.48 mm, weight 390-560 g/m ² |
| - Type of approval | Sveriges provnings och forskningsinstitut no: 0495 |

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| Regulations | BKR, Boverkets konstruktionsregler BSK, Boverkets handbok om stålkonstruktioner BVS, Boverkets handbok om snö- och vindlast Swedish standards |
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