

1

Characterised by **laminated wooden beams**

2

Excellent **acoustics**

3

Clear spans up to **30 metres wide**



### The Product

The Flexolution is a multifunctional semi-permanent structure, suitable for a wide range of applications, readily available and quick to install. Based on a 6 metre grid, the widths are clear spans up to 30 metres. The length is unlimited and can be extended in increments of 6 metres. Heights vary depending on the width and application but internal mezzanine floors are possible within higher buildings.

### Design

Consisting of aluminium columns and laminated wooden beams, the structure is fully demountable and relocatable for future use. The walls (120mm thick) have a minimum insulating value of  $R = 4.96 \text{ m}^2\text{K/W}$  ( $U = 0.203 \text{ W/m}^2\text{K}$ ) and the roof (115mm thick) provides a minimum insulating value of  $R = 3.29 \text{ m}^2\text{K/W}$  ( $U = 0.299 \text{ W/m}^2\text{K}$ ). Options include insulated wooden floor and aluminium framed double glazed panels and doors.

### Features

The Flexolution is a modern temporary building combining strong aesthetic appeal with remarkable solidity and strength. Flexolution offers many of the features of a permanent building, including superior acoustic properties, these can be enhanced by fitting perforated wall panels to provide ideal accommodation for uses such as sports halls and theatres.

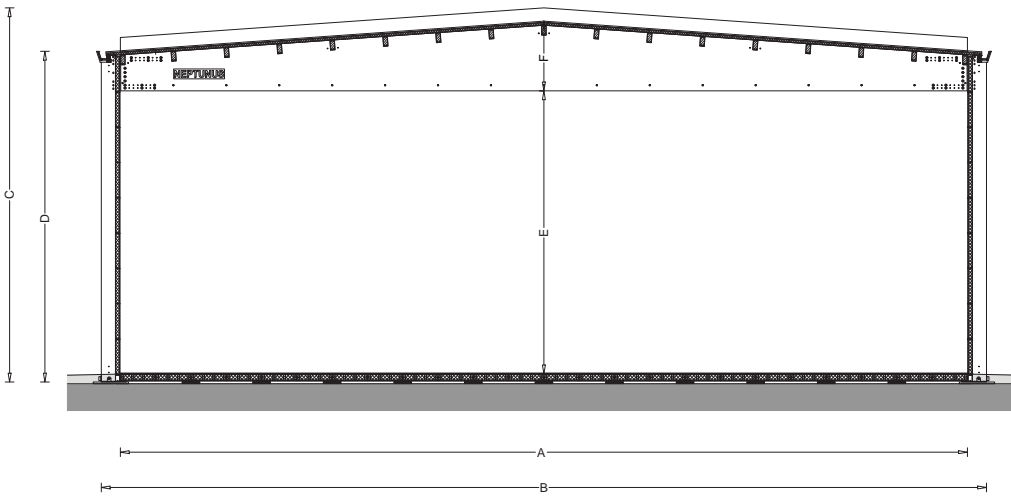
The Neptunus Flexolution complies with the European Building Decree and the criteria set out for energy label A.

### Applications

Aligned to a basic need for space, the Flexolution can support a business' long-term objectives as well as provide an interim solution to a temporary problem. Available to rent or buy the Flexolution is ideally suited for use as temporary multi-purpose sports halls, gymnasiums, retail outlets, airport terminals, warehouses and indeed anywhere additional, quality space is needed, fast.



Insulated wooden floor



	12m	18m	24m	30m
A	12000	18000	24000	30000
B	13080	19080	25080	31080
F	1440	1650	1860	2070
Column height 5.2m				
C	6180	6390	6600	6810
D	5370	5370	5370	5370
E	4017	4017	4017	4017
Column height 9.2m				
C	10180	10390	10600	10810
D	9370	9370	9370	9370
E	8017	8017	8017	8017

Insulated concrete floor

