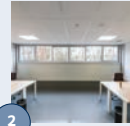




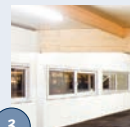
1

The appearance and characteristics of a permanent building



2

Internal fit out options



3

Aluminium columns, laminated wooden beams and insulated rigid panels



The Product

The Flexolution II is a newly developed temporary building based on the successful Neptunus Flexolution building range. This fully modular and 100% demountable structure is suitable for a multitude of accommodation applications. Depending on the size and internal fit out the Flexolution II can be constructed within a few days or weeks of order, used for as long as required and then relocated if necessary. Just like the Flexolution product range, the Flexolution II complies with European building regulations for temporary buildings.

Features

The Flexolution II is constructed in modules of 6 metres. The standard widths are 12, 15



and 18 metres and the starting length of 12 metres can be extended indefinitely in increments of 6 metres. The modular building is available as single or double storey and buildings can be linked together to provide a larger footprint.

Design

The Flexolution II is constructed from extruded aluminium columns with integrated concealed drainage pipes, which disperse rainwater from the eave gutters. The main beams are laminated wood and the walls are clad with 120mm sandwich panels, with an insulation value of $R = 5.18 \text{ m}^2\text{K/W}$. The rigid roof panels are 115mm thick and have an insulation value of $R = 3.66 \text{ m}^2\text{K/W}$. Windows can be fitted into the walls and if required equipped with ventilation grilles and hinges for tilt-and-turn opening.

The Neptunus Flexolution II is supplied with a wooden floor, which is the most efficient option for speed of installation and future relocation and reuse. For longer term use we recommend laying an insulated concrete floor.

Applications

The standard Flexolution II structure is supplied as a building envelope. Fit out, including internal partitions, kitchens, washrooms, lighting, climate control and floor coverings, can be supplied and designed to suit individual project requirements.

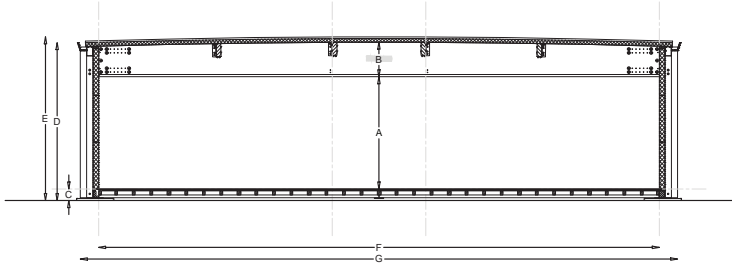
Aligned to a basic need for space, the Flexolution II can support a business' long-term objectives as well as provide an interim solution to a temporary problem. Available to rent or buy the Flexolution II is ideally suited for use as (temporary) school building, office building, nursery or accommodation for migrant workers or students and indeed anywhere additional, quality space is needed, fast.



structures

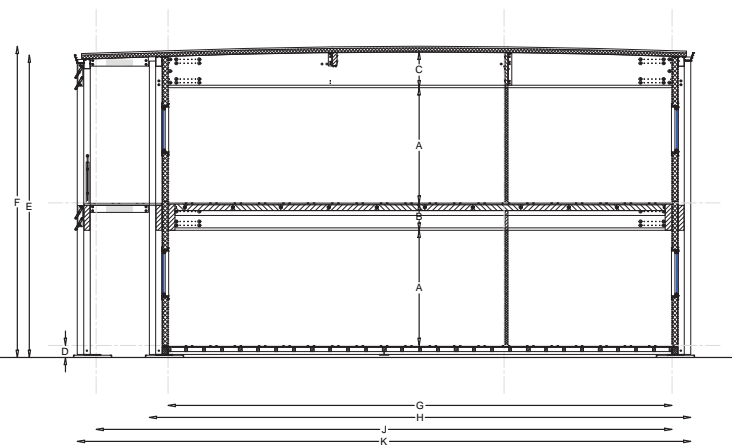
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	12 m	15 m *	18 m *
A	2400	2400	2400
B	740	740	740
C	249	249	249
D	3380	3380	3380
E	3504	3504	3504
F	12000	15000	18000
G	12784	15784	18784

* Internal columns needed



	12 m
A	2400
B	570
C	740
D	249
E	6300
F	6482
G	10500
H	11284
J	12000
K	12784

