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Agrément Certificate
14/5125
Product Sheet 1

VISION MODULAR SYSTEMS

VISION STRUCTURAL MODULAR SYSTEM

This Agrément Certificate Product Sheet⁽¹⁾ relates to Vision Structural Modular System, comprising prefabricated cold and hot rolled structural steel and reinforced concrete volumetric, factory-built modules incorporating floors, walls and ceiling/roof elements. The system is for use, as part of an overall design, to construct residential buildings up to a height of 19 storeys subject to fire classification of chosen external finish.

(1) Hereinafter referred to as 'Certificate'.

CERTIFICATION INCLUDES:

- factors relating to compliance with Building Regulations where applicable
- factors relating to additional non-regulatory information where applicable
- independently verified technical specification
- assessment criteria and technical investigations
- design considerations
- installation guidance
- regular surveillance of production
- formal three-yearly review.



KEY FACTORS ASSESSED

Strength and stability — the system components have adequate strength and stability to resist applied vertical loads, loads associated with installation and transfer lateral loads to shear walls (see section 6).

Thermal performance — the system can contribute to the building meeting the requirements of the national Building Regulations (see section 7).

Behaviour in relation to fire — walls, floors and ceilings of the modules provide adequate fire resistance when designed in accordance with this Certificate (see section 8).

Condensation risk — walls, openings and junctions with other elements of the system will adequately limit the risk of surface condensation (see section 9).

Acoustic performance — separating and internal walls with the construction and detailing stated in this Certificate will provide sufficient sound resistance (see section 10).

Durability — the system components are durable and assessed as capable of achieving a minimum design life of 60 years (see section 13).

The BBA has awarded this Certificate to the company named above for the system described herein. This system has been assessed by the BBA as being fit for its intended use provided it is installed, used and maintained as set out in this Certificate.

On behalf of the British Board of Agrément

Date of First issue: 20 May 2014

Brian Chamberlain

Head of Approvals — Engineering

Claire Curtis-Thomas

Chief Executive

The BBA is a UKAS accredited certification body — Number 113. The schedule of the current scope of accreditation for product certification is available in pdf format via the UKAS link on the BBA website at www.bbacerts.co.uk

Readers are advised to check the validity and latest issue number of this Agrément Certificate by either referring to the BBA website or contacting the BBA direct.

British Board of Agrément

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