

This certificate is valid for Building Regulations & associated technical guidance in force on the date of registration and for the regulations in the countries indicated

C3S Modular System

Description of Product

This is an assessment of the modular system for mainly disabled adaptations providing bathroom and/or bedroom accommodation as factory built extensions in a modular format to existing domestic dwellings only, located within the curtilage of the premises and providing accessible bathrooms and care facilities. Not for use as a new dwelling or commercial premises.



Key Factors Assessed

- Mechanical Resistance & Stability
- Safety in case of Fire
- Health, Hygiene and Environmental
- Safety in Use
- Protection against noise
- Energy Economy and heat retention
- Durability serviceability and identification

Validity

This certificate was first issued on 19th November 2013 and is valid until 19th November 2020.
Issue Dated 22nd November 2017

Scope of Registration

Assessment and structural design have been undertaken on the generic specification for a standard 10m steel framed module. Individual assessment will be required for units not meeting the scope below;

External door provided with level access for standard units but means of escape windows to be provided if different layout proposed.

External wall construction to include OSB3 external sheathing with internal finish of 12.5 mm Tapered edge plasterboard. The internal face of the exterior wall construction meets R30, E30 & EI 15). The external wall construction is acceptable in proximity to the site boundary.

Assessment for radon / landfill site contaminants will be required on a site specific basis.

Vapour barriers are installed to wall roof and floor construction, breather membrane to wall and roof. Roof void ventilation provided for pitched roofs.

Various finishes available for external face 3mm GRP imperious cladding system or alternative rainscreen cladding, subject to exposure zone on site.

Site assessment required for minimum provision of trickle vents and rapid ventilation dependent on chosen layout. On site assessment required for the effect of the existing layout and ventilation provisions.

U-Value calculations provided and designed in accordance with Accredited Details.

Electric radiators to comply with domestic heating compliance guide

Approved Document M access subject to site conditions, proposed layout and individual needs of user

Approved electrical installers used for factory install, final connections subject to control on site.

Conditions of Certificate

Requirement A: Foundations and substructure are subject to site specific design.

Requirement A1: See structural design and calculations for design limitations.

Requirement B1: Means of escape in case of fire subject to on site layout.

Requirement B4: Space separation (unprotected areas) subject to site specific determination.

Requirement C1: Radon/Landfill gas/contamination (Site specific determination).

Requirement C2: Chosen external wall finish to be appropriate for site specific exposure zone.

Requirement F1: Ventilation provision subject to on site design/layout.

Requirement H1/2/3: Drainage design/layout subject to site specific determination.

Requirement K2/4/5: Protection subject to site specific determination

Requirement M1/4: Access subject to site conditions, proposed layout and individual needs of user

Requirement P: Commissioning & installation or Part P certification to be provided at completion.



LABC consider that, the C3S Modular System, will meet the functional requirements of the Building Regulations (listed below) if the criteria detailed in this certificate are met;

The Building Regulations 2010 (as amended) England & Wales

Regulation 7	Materials and workmanship
Note:	The products are acceptable.
AD A	Structure
Note:	Subject to limitations detailed in Conditions section.
AD B	Fire Safety
Note:	Subject to limitations detailed in Conditions section.
AD C	Site preparation and resistance to contaminants and moisture
Note:	Subject to limitations detailed below Conditions section.
AD D	Toxic substances
Note:	Subject to limitations detailed in Conditions section.
AD F	Ventilation
Note:	Subject to limitations detailed in Conditions section.
AD G	Sanitation, hot water safety & water efficiency
Note:	Subject to limitations detailed in Conditions section.
AD H	Drainage & Waste Disposal
Note:	Subject to limitations detailed in Conditions section.
AD J	Combustion appliances and fuel storage systems
Note:	Subject to limitations detailed in Conditions section.
AD K	Protection from falling collision & impact
Note:	Subject to limitations detailed in Conditions section.
AD L	Conservation of fuel and power
Note:	The thermal insulation performance of this system meet the standards required within the Approved Documents
AD M	Access to and use of Buildings
Note	Subject to limitations detailed in Conditions section
AD P	Electrical safety
Note:	Subject to limitations detailed in Conditions section.



The Building Regulations 2010 (as amended) England

AD L1A	Conservation of fuel and power
Note:	The thermal insulation performance of this system meet the standards required within the Approved Documents.



The Building Regulations 2010 (as amended) Wales

AD L1A

Conservation of fuel and power

Note:

The thermal insulation performance of this system meet the standards required within the Approved Documents.



The Building (Scotland) Regulations 2004 (as amended)

If you would like to discuss a specific use of the product in Scotland it will require an additional assessment under the Scottish Building Regulations and accordingly you should contact the LABSS STAS Administrator at www.labss.org

Non-Regulatory Information



LABC Warranty

The use of the C3S Modular System has not been assessed to meet the requirements of the LABC Warranty Technical Manual. If you would like to discuss a specific use please make an enquiry to technical.services@labcwarranty.co.uk

Supporting Documentation

R+D 1/2a/3/4/5/6/7

C3S Modular 001 Rev D

C3S Modular 002 Rev C

BTC 13922F/13921F/13933FA

Standard Layout A3L/6218-5 (example)/example Layout

P1066 10m Module

U-value Calculations – Roof/wall/window

Heat Electric – Radiator Information Pack

WF Report 335365

Contact Information

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