

System Type Approval Certificate

Certificate No: **STAS/16/037/ST25/01**

Date: **29 April 2016**

A Certificate Holder:

Name: Robust Details Limited
Address: BLOCK E, BLETCHLEY PARK SCIENCE AND INNOVATION CENTRE, MILTON KEYNES, MK3 6EB
E-mail: scotland@robustdetails.com **Tel: 08702408210**

B Type Approval Titles: **ROBUST DETAIL V-WT-2 MAY 2016**

Flanking construction option for approved Robust Details cavity timber frame separating walls.

SYSTEM: Robust Details – Scotland Section 5 Scheme
To be used as an alternative to pre-completion sound testing to demonstrate compliance with the sound insulation requirements of Section 5 of the Building (Scotland) Regulations 2004 for new build attached dwellings.

C Conditions of certification:

Validity and Scope

1. That the specifications and materials referred to have been assessed and approved in accordance with the Building (Scotland) Regulations 2004 and in accordance with the supporting guidance in the Non-Domestic Technical Handbooks which came into force with effect from 1 October 2015.
2. That where reference is made on a plan or specification document to any Code of Practice, British or European Standard or manufacturer's instruction it shall be construed as a reference to such publication in the form in which it is in force at the date of this certificate.
3. That the layout plan details and the materials specified shall not be changed without first gaining approval so to do from Local Authority Building Standards Scotland [LABSS]. Failure to do so will invalidate the certificate.
4. That the certificate shall be valid until invalidated by formal notice by LABSS.
5. This certificate should not be regarded as a formal approval under the building warrant process prescribed by the Building (Scotland) Act 2003 enacted from 1 May 2005

Testing and Accreditation

6. **ROBUST DETAIL V-WT-2 MAY 2016**

Optional Robust Detail flanking construction – PIR insulation added as an alternative option for insulating the inner leaf of external wall comprising:

Wall width	240mm (min) between inner faces of wall linings. 50mm (min) gap between wall panels
Wall lining	2 or more layers of gypsum-based board (total nominal mass per unit area 22 kg/m ²), both sides - all joints staggered
Sheathing	9mm (min) thick board
Absorbent material	60mm (min) mineral wool batts or quilt (density 10 – 60 kg/m ³) both sides. Material may be unfaced, paper faced or wire reinforced
Ties	Ties between frames not more than 40mm x 3mm, at 1200mm (min) centres horizontally, one row of ties per storey height vertically
External (flanking) wall	Outer leaf masonry with minimum 50mm cavity shall be installed strictly in accordance with the manufacturer's instructions, in accordance with the certificate holder's instructions and fully in accordance with the accredited certification and supporting test reports held by Robust Details Ltd.

Site Specific Assessments

- That all site-specific materials and constructions not within the scope of this certificate shall be designed in accordance with all relevant Codes of Practice, British or European Standards and installed strictly in accordance with the manufacturer's instructions.

D Limitations of use:

- That each site-specific building warrant application proposing the use of the **ROBUST DETAIL V-WT-2 MAY 2016** Optional Robust Detail flanking construction – PIR insulation added as an alternative option for insulating the inner leaf of external wall elements shall confirm full compliance with Mandatory Standard 5.1.

E	Design Life: (per BS 7543 – Durability of building elements, products and components)	Category of building design life =	Life of building
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F	Specification Document:	Section 5 – Robust Detail Handbook	Edition 2
	Certificate Number:	ROBUST DETAIL V-WT-2 MAY 2016 Optional Robust Detail flanking construction – PIR insulation added as an alternative option for insulating the inner leaf of external wall	May 2016
	Robust Details Handbook	Changes incorporated into the second edition	May 2016

G Authority:
This system type approval certificate consisting of 2 pages is authorised by:

Signature:

Robert A Renton, Secretary to STAS
on behalf of the Local Authority Building Standards Scotland.