

HL Plastics Ltd

t/a Liniar Window Systems

Flamstead House
Denby Hall Business Park
Denby
Derbyshire DE5 8JX

Tel: 01332 883900 Fax: 01332 883901
e-mail: sales@liniar.co.uk
website: www.liniar.co.uk



Agrément Certificate
10/4772
Product Sheet 1

LINIAR PVC-U WINDOW SYSTEMS

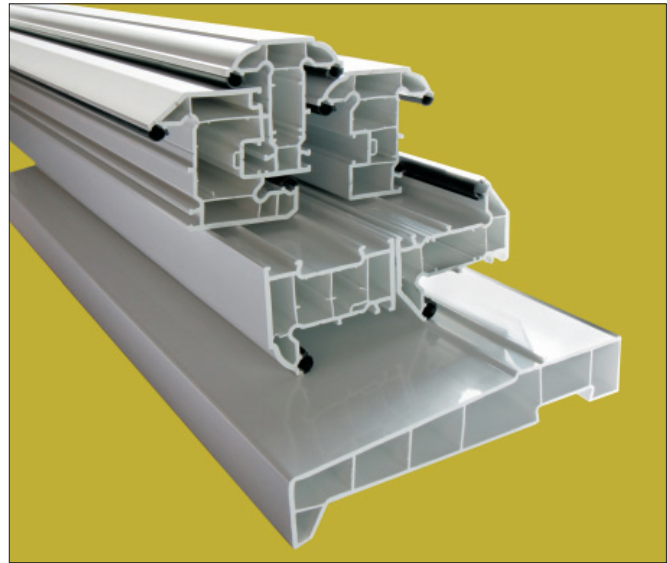
LINIAR OUTWARD OPENING AND TILT AND TURN SYSTEMS

PRODUCT SCOPE AND SUMMARY OF CERTIFICATE

This Certificate relates to the Liniar Outward Opening and Tilt and Turn Systems, chamfered and sculptured, in white finish, for use in walls of domestic and non-domestic buildings for replacement and new-build applications.

AGRÉMENT 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

Thermal properties — windows from within the range have thermal transmittance values (U values) between $1.3 \text{ W}\cdot\text{m}^{-2}\cdot\text{K}^{-1}$ and $2.5 \text{ W}\cdot\text{m}^{-2}\cdot\text{K}^{-1}$, depending on the glazing unit (see section 5).

Weathertightness — the systems can be used in the exposure situations described in this Certificate (see section 6).

Ventilation — opening lights can provide rapid ventilation (see section 7).

Basic security against intrusion — the windows meet the basic requirements of NHBC (see section 8).

Durability — the PVC-U frames will have a life of at least 35 years (see section 15).

The BBA has awarded this Agrément Certificate to the company named above for the systems described herein. These systems has been assessed by the BBA as being fit for their intended use provided they are installed, used and maintained as set out in this Certificate.

On behalf of the British Board of Agrément

Handwritten signature of Chris Hunt in black ink.

Date of First issue: 13 October 2010

Chris Hunt
Head of Approvals — Physics

Handwritten signature of Greg Cooper in black ink.

Greg Cooper
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
Bucknalls Lane
Garston, Watford
Herts WD25 9BA

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tel: 01923 665300
fax: 01923 665301
e-mail: mail@bba.star.co.uk
website: www.bbacerts.co.uk