Sistemas Técnicos del Accesorio y Componentes S.L.
Polígono Industrial Picusa
La Matanza
15900 Padrón (La Coruña)
Spain
Tel: 0034 981 817 036 Fax: 0034 981 817 037
e-mail: stacbond@stac.es
website: www.stac.es

BBA APPROVAL INSPECTION TESTING CERTIFICATION
TECHNICAL APPROVALS FOR CONSTRUCTION

Agrément Certificate
13/5022
Product Sheet 1

STAC CLADDING SYSTEMS

STACBOND PE AND STACBOND FR CLADDING SYSTEMS

This Agrément Certificate Product Sheet(1) relates to Stacbond PE and Stacbond FR Cladding Systems, a composite panel of aluminium sheets with a polyethylene core, supported on aluminium rails and used to provide a decorative and protective back-ventilated façade over the supporting external walls of new and existing buildings for use on concrete and masonry walls.

(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 systems can be designed to resist wind loads normally encountered in the UK and transfer the design loads to the substrate wall structure (see section 6).

Behaviour in relation to fire — for reaction to fire, the systems with panels Stacbond PE and Stacbond FR may be regarded as Class F and Class B-s1, d0 respectively (see section 7).

Air and water penetration — the vertical and horizontal joints between the panels will minimise water entering the cavity. Any water collecting in the cavity due to rain and condensation will be removed by drainage and ventilation (see section 8).

Durability — the cladding systems have acceptable durability and can be expected to have a service life in excess of 30 years (see section 10).

The BBA has awarded this Certificate to the company named above for the system described herein. These systems have 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

Date of First issue: 24 July 2013

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
Bucknalls Lane
Watford
Herts WD25 9BA
tel: 01923 665300
fax: 01923 665301
e-mail: mail@bba.star.co.uk
website: www.bbacerts.co.uk
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