

## Certificate of Product Approval

Certificate Number: 879a

Issue: 03

### EURO CLAD LIMITED

Wentloog Corporate Park  
Wentloog  
Cardiff  
CF3 2ER



is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix having complied with the requirements of the standard(s) as detailed below:

#### Products

##### Built-Up Cladding

Elite 1, 2, 3 & 4 Roof Systems  
Elite 50, 51, 52, 53, 54, 55, 56, 57, 58 & 60 Wall Systems

#### Standards

##### LPS 1181 Part 1: Issue 1.2

Series of Fire Growth Tests for LPCB Approval and Listing of Construction Product Systems. Part 1: Requirements and Tests for Built-up Cladding and Sandwich Panel Systems for use as the External Envelope of Buildings.

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd.

Karen Coull

Certification Scheme Manager

27 March 2018

Date of Issue

26 June 2008

Date of First Issue



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## Appendix to Certificate No: 879a EURO CLAD LIMITED

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Product	System Specification Thickness (mm)	Wall panel orientation (H/V) (note 2)	Fire Resistance (minutes) Integrity /Insulation	Grade	Core material (note 6)	LPCB Ref. No.
Elite 1 (Roof System)	See note 1	-	- / -	EXT-B	Glass Wool or Mineral Wool	879a/05
Elite 2 (Roof System)	See note 1	-	- / -	EXT-B	Glass Wool or Mineral Wool	879a/06
Elite 3 (Roof System)	See note 1	-	- / -	EXT-B	Glass Wool or Mineral Wool	879a/07
Elite 4 (Roof System)	See note 1	-	- / -	EXT-B	Glass Wool or Mineral Wool	879a/08
Elite 51 (Wall System)	See note 1	V	- / -	EXT-B	Glass Wool or Mineral Wool	879a/09
			240 / 15	EXT-A15	Glass Wool or Mineral Wool	
			240 / 30	EXT-A30	Mineral Wool	
Elite 52 (Wall System)	See note 1	V	- / -	EXT-B	Glass Wool or Mineral Wool	879a/10
			240 / 15	EXT-A15	Glass Wool or Mineral Wool	
			240 / 30	EXT-A30	Mineral Wool	

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Elite 53 (Wall System)	See note 1	V	- / -	EXT-B	Glass Wool or Mineral Wool	879a/11
			240 / 15	EXT-A15	Glass Wool or Mineral Wool	
			240 / 30	EXT-A30	Mineral Wool	
Elite 54 (Wall System)	See note 1	V	- / -	EXT-B	Glass Wool or Mineral Wool	879a/12
			240 / 15	EXT-A15	Glass Wool or Mineral Wool	
			240 / 30	EXT-A30	Mineral Wool	
Elite 55 (Wall System)	See note 1	H	- / -	EXT-B	Glass Wool or Mineral Wool	879a/13
			240 / 15	EXT-A15	Glass Wool or Mineral Wool	
			240 / 30	EXT-A30	Mineral Wool	
Elite 56 (Wall System)	See note 1	H	- / -	EXT-B	Glass Wool or Mineral Wool	879a/14

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			240 / 15	EXT-A15	Glass Wool or Mineral Wool	
			240 / 30	EXT-A30	Mineral Wool	
Elite 57 (Wall System)	See note 1	H	- / -	EXT-B	Glass Wool or Mineral Wool	879a/15
			240 / 15	EXT-A15	Glass Wool or Mineral Wool	
			240 / 30	EXT-A30	Mineral Wool	
Elite 58 (Wall System)	See note 1	H	- / -	EXT-B	Glass Wool or Mineral Wool	879a/16
			240 / 15	EXT-A15	Glass Wool or Mineral Wool	
			240 / 30	EXT-A30	Mineral Wool	
Elite 60 (Wall System)	See note 1	H	- / -	EXT-B	Glass Wool or Mineral Wool	879a/17
			240 / 15	EXT-A15	Glass Wool or Mineral Wool	

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			240 / 30	EXT-A30	Mineral Wool	
Elite 50 (Wall System)	See note 1	V	- / -	EXT-B	Glass Wool or Mineral Wool	879a/18
			240 / 15	EXT-A15	Glass Wool or Mineral Wool	
			240 / 30	EXT-A30	Mineral Wool	

### Notes:

- The minimum permissible Stone mineral wool or Glass mineral wool thickness is 120mm.
- Where the Elite Wall Systems are required to achieve grade EXT-A30 the internal liner sheet side lap joints must be stitched at 300mm centres.
- For all the fire resistance grades EXT B, EXT-15 and EXT-A30 systems the external sheets are to be fixed to the channels of the spacer system using self-drilling, self-tapping screws at nominal 400mm centres.
- For Elite Roof Systems 1, 2, 3 and 4 the maximum purlin spacing is 2m.
- Please refer to BRE Assessment Report P109090-1001 Issue 1 for approved alternative spacer systems, internal & external profiles, internal & external profile coatings and insulation cores for the Elite Systems 1, 2, 3, 4, 50, 51, 52, 53, 54, 55, 56, 57, 58 & 60.
- Approved core materials are shown in the table below:

Alternative Insulations	Type	Nominal Density (kg/m <sup>3</sup> )
Rockwool Cladding Roll	Stone mineral wool	27
Rockwool Flexislab	Stone mineral wool	33
Knauf FactoryClad	Glass mineral wool	11 to 13
Knauf Earthwool Flexible Slab	Stone mineral wool	33

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