

Certificate of Product Approval

Certificate Number: 443c

Issue: 03

CA Group Limited

Evenwood Industrial Estate
Copeland Road
Evenwood
County Durham
DL14 9SF

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) detailed below:

Products

Twin-Therm® SecureWall™
Twin-Therm® SecureWall SolarWall™
secure built-up cladding system

Standards

LPS 1175: Issue 7
Requirements and testing procedures for the LPCB approval and listing of intruder resistant building components, strongpoints, security enclosures and free-standing barriers

This certificate and appendix is maintained and held in force through regular surveillance activities



Signed for BRE Global Ltd.

Chris Hunt
Verifier

17 February 2022
Date of Issue

18 June 2018
Date of First Issue



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Appendix to Certificate No: 443c CA Group Limited

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Secure Built-Up Cladding System

Product Name	Product Code	Minimum Height (m)	Maximum Height (m)	Minimum Width (m)	Maximum Width (m)	Minimum Wall Thickness (m)	Maximum Wall Thickness (m)	Security Rating	LPCB Ref. No.	
Twin-Therm® Secure Wall™	CA 15 910WS with CA 17 1000L or CA 32 1000RL	1.0	Unlimited	1.0	Unlimited	0.095	0.315	1	443c/01	
	CA 32 1000R with CA 17 1000L	1.0	Unlimited	1.0	Unlimited	0.112	0.332	1		
	CA 32 1000W with CA 17 1000L or CA 32 1000RL	1.0	Unlimited	1.0	Unlimited	0.112	0.332	1		
	CA 47 900SL with CA 17 1000L	1.0	Unlimited	1.0	Unlimited	0.127	0.347	1		
	CA 300MR with CA 17 1000L or CA 32 1000RL	1.0	Unlimited	1.0	Unlimited	0.120	0.340	1		
	CA SINU 19 990 with CA 17 1000L or CA 32 1000RL	1.0	Unlimited	1.0	Unlimited	0.099	0.319	1		
	Twin-Therm® Secure Wall Solar Wall™	CA 32 1000R with CA 32 1000RL	1.0	Unlimited	1.0	Unlimited	0.112	0.332	2	443c/02
		CA 47 900SL with CA 32 1000RL	1.0	Unlimited	1.0	Unlimited	0.127	0.347	2	
		CA 65 321DL with CA 17 1000L or CA 32 1000RL	1.0	Unlimited	1.0	Unlimited	0.145	0.365	2	
		CA ARC 50 930 with CA 17 1000L or CA 32 1000RL	1.0	Unlimited	1.0	Unlimited	0.130	0.350	2	
Twin-Therm® Secure Wall Solar Wall™	CA 15 910WS SW and CA 32 1000RM with CA 17 1000L or CA 32 1000RL	1.0	Unlimited	1.0	Unlimited	0.095	0.315	1	443c/03	
	CA 32 1000R SW and CA 32 1000RM with CA 17 1000L	1.0	Unlimited	1.0	Unlimited	0.112	0.332	1		

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Product Name	Product Code	Minimum Height (m)	Maximum Height (m)	Minimum Width (m)	Maximum Width (m)	Minimum Wall Thickness (m)	Maximum Wall Thickness (m)	Security Rating	LPCB Ref. No.
Twin-Therm® Secure Wall Solar Wall™ (cont)	CA 32 1000W SW and CA 32 1000RM with CA 17 1000L or CA 32 1000RL	1.0	Unlimited	1.0	Unlimited	0.112	0.332	1	443c/03 (cont)
	CA 47 900SL SW and CA 32 1000RM with CA 17 1000L	1.0	Unlimited	1.0	Unlimited	0.127	0.347	1	
	CA SINU 19 990 SW and CA 32 1000RM with CA 17 1000L or CA 32 1000RL	1.0	Unlimited	1.0	Unlimited	0.099	0.319	1	
	CA 32 1000W SW and CA 32 1000RM with CA 32 1000RL	1.0	Unlimited	1.0	Unlimited	0.112	0.332	2	443c/04
	CA 47 900SL SW and CA 32 1000RM with CA 32 1000RL	1.0	Unlimited	1.0	Unlimited	0.127	0.347	2	
	CA 65 321DL SW and CA 32 1000RM with CA 17 1000L or CA 32 1000RL	1.0	Unlimited	1.0	Unlimited	0.145	0.365	2	
	CA ARC 50 930 SW and CA 32 1000RM with CA 17 1000L or CA 32 1000RL	1.0	Unlimited	1.0	Unlimited	0.130	0.350	2	

Notes:

- The Twin-Therm® SecureWall™ built-up cladding systems are approved when installed in accordance with the instructions detailed on document IG-TT revision 1.2 dated January 2021.
- The approval covers the use of 0.7 mm thick external wall panels and either 0.4 mm or 0.7 mm liner panels. The 0.4mm liner panels only relate to the Twin-Therm® SecureWall™ systems approved to Security Rating 1. It also covers the use of glass fibre insulation or fire wall insulation (FW15 and FW120).

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3. The approval covers the use of 0.7 mm thick external wall and liner panels. It also covers the use of glass fibre insulation or firewall insulation (FW15 and FW120).
4. The Twin-Therm® SecureWall™ and Twin-Therm® SecureWall SolarWall™ built-up cladding system's resistance relies on the supporting substrate offering compatible resistance to manual attack.
5. The Twin-Therm® SecureWall™ can also be known as Twin-Therm® Chronus® SecureWall™ and Twin-Therm® Chronus® Ready SecureWall™.
6. The external and liner panels on the Twin-Therm® SecureWall™ and Twin-Therm® SecureWall SolarWall™ built-up cladding systems can be horizontally or vertically laid.
7. The approval allows the use of LPCB approved doorsets, louvres and windows for use within the Twin-Therm® SecureWall™ and Twin-Therm® SecureWall SolarWall™ built-up cladding systems on the following basis:
 - The compatible product must be certified to LPS 1175: Issue 7 with the same security rating as that afforded by the walling system it is installed into e.g. a Security Rating 1 doorset may be used on the Security Rating 1 cladding system or a Security Rating 2 doorset may be used on the Security Rating 2 cladding system. If a higher security rated product is used, then the overall resistance afforded by the walling system is the rating afforded by the actual walling system when no compatible products are installed (i.e.as detailed in Secure Built-Up Cladding System table above).
 - All compatible approved products shall be installed in accordance with the approved installation instructions for those products, along with the approved installation instructions supplied by CA Group Limited for the walling system.
 - Multiple compatible products may be installed within the walling system. However, unless those products are identical, the minimum distance between any compatible approved product installed within the walling system shall be 1200 mm.
 - Where multiple products are installed vertically above each other, those products shall not incorporate panic exit hardware.

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