

Certificate of Product Approval

Certificate Number: 443d

Issue: 01

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® Roof
secure built-up roofing systems

Standard

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.

Paul Dillon
Verifier

19 July 2018
Date of Issue

19 July 2018
Date of First Issue



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BRE Global Ltd, Watford, WD25 9XX
T: +44 (0)333 321 8811 E: enquiries@breglobal.com

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Appendix to Certificate No: 443d CA Group Limited

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Secure Built-Up Roofing Systems

Product Name	Product Code	Minimum Width (mm)	Maximum Width (mm)	Minimum Depth (mm)	Maximum Depth (mm)	Minimum Thickness (mm)	Maximum Thickness (mm)	Roof Pitch	Security Rating	LPCB Ref. No.
Twin-Therm® Roof	CA 32 1000R with CA 17 1000L	1000	Unlimited	1000	Unlimited	112	332	0° to 90°	1	443d/01
	CA 32 1000R with CA 32 1000RL	1000	Unlimited	1000	Unlimited	112	332	0° to 90°	2	443d/02

Notes:

1. The Twin-Therm® Roof built-up roof system is approved when installed in accordance to the instructions detailed within documents IG - TTR- 01 revision 5b dated April 2018 and IG-TTR-02 revision 3b dated March 2018.
2. The approval only covers the use of 0.7 mm thick roof and liner panels and the use of glass fibre insulation.
3. The Twin-Therm® Roof built-up roof system's resistance relies on the supporting substrate offering comparable resistance to attack.

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