

Kitemark™ Certificate

This is to certify that:

Pioneer Trading Company Essex Ltd
Units 1-4 Red Barn, Warners Farm
Howe Street
Great Waltham
Chelmsford
CM3 1BN
United Kingdom

Holds Certificate Number:

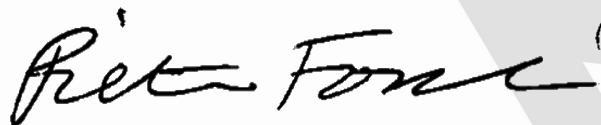
KM 566113

In respect of:

Window & Door Energy Rating
Window Energy Rating

This issues the right and licence to use the Kitemark in accordance with the Kitemark Terms and Conditions governing the use of the Kitemark, as may be updated from time to time by BSI Assurance UK Ltd (the "Conditions"). All defined terms in this Certificate shall have the same meaning as in the Conditions.

The use of the Kitemark is authorized in respect of the Product(s) detailed on this Certificate provided at or from the above address.



For and on behalf of BSI:

Pietro Foschi - Strategic Delivery Director

First Issued: 16/09/2010

Latest Issue: 22/01/2015



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...making excellence a habit.™

Kitemark™ Certificate

No. KM 566113

Window	Rating Band	Rating Index (kWh/(m ² .yr))	U _w (W/(m ² .K))	Solar Factor g _w	Air Leakage heat loss (W/(m ² .K))
Shield A+21 T	A+	21	1.0	0.41	0.00
Shield A FR	A	5	1.4	0.45	0.00
Shield A3	A	3	1.4	0.45	0.00
Shield Ali B	B	-8	1.6	0.45	0.00
Shield Ali C	C	-19	1.7	0.45	0.00
Shield A INT FR	A	3	1.4	0.44	0.00
Shield A INT	A	1	1.4	0.44	0.00
Shield A WO	A	0	1.4	0.44	0.00
Shield B WO FR	B	-1	1.4	0.42	0.00
Shield B WO	B	-4	1.4	0.42	0.00
Shield A WH	A	3	1.4	0.45	0.00
Shield B Ali WH	B	-8	1.6	0.45	0.00
Shield SBD A	A	5	1.4	0.45	0.00
Shield SBD C	C	-14	1.5	0.41	0.00
Shield A8 T	A	8	1.2	0.42	0.00
Shield A+10 TFR	A+	10	1.2	0.42	0.00
VS A Spectus	A	4	1.5	0.50	0.02
VS B DBR Spectus	B	-2	1.5	0.48	0.02
Synerjy A8	A	8	1.4	0.47	0.00
Synerjy A FR	A	5	1.4	0.45	0.00

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This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.
To check its validity telephone +44 (0) 845 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

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No. KM 566113

Window	Rating Band	Rating Index (kWh/(m ² .yr))	U _w (W/(m ² .K))	Solar Factor g _w	Air Leakage heat loss (W/(m ² .K))
Synerjy A3	A	3	1.4	0.45	0.00
Synerjy Ali B	B	-7	1.5	0.45	0.00
Synerjy Ali C	C	-20	1.7	0.44	0.00
Synerjy A INT FR	A	2	1.3	0.43	0.00
Synerjy B Ali INT	B	-10	1.5	0.43	0.00
Synerjy A WO	A	1	1.4	0.44	0.00
Synerjy B WO FR	B	-1	1.4	0.42	0.00
Synerjy B WO	B	-3	1.4	0.42	0.00
Synerjy A WH	A	1	1.4	0.44	0.00
Synerjy SBD A	A	8	1.4	0.47	0.00
Synerjy SBD C	C	-14	1.5	0.41	0.00
Signature A+33 TFR	A+	33	0.8	0.41	0.00
Signature A+18T	A+	18	1.0	0.41	0.00
Signature A+14 INT TFR	A+	14	1.0	0.39	0.00
Signature A+11 WO TFR	A+	11	1.1	0.38	0.00
Signature A+12	A+	12	1.3	0.48	0.00
Signature A9 FR	A	9	1.3	0.46	0.00
Signature A5	A	5	1.4	0.46	0.00
Signature A 28mm	A	5	1.4	0.45	0.00
Signature Ali C	C	-19	1.7	0.45	0.00
Signature A INT	A	2	1.4	0.44	0.00

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Signature A INT FR	A	4	1.4	0.44	0.00
Signature B Ali INT	B	-9	1.5	0.44	0.00
Signature A WO FR	A	1	1.3	0.42	0.00
Signature B WO	B	-5	1.4	0.42	0.00
Signature A WH	A	2	1.4	0.45	0.00
Signature A WH 28mm	A	5	1.4	0.45	0.00
Signature B Ali WH	B	-10	1.6	0.45	0.00
Signature SBD A	A	10	1.4	0.48	0.00
Signature SBD B	B	-3	1.4	0.45	0.00

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