

## CE Marking Information – Issued February 2013

- Caldwell Hardware is aware of the requirements for CE marking of construction products potentially starting in June 2013.
- In order to CE mark a product it must pass testing to all relevant published harmonised EN (European) standards.
- If a product is being exported to a non EEA (European Economic Area) country then CE marking is not mandatory.
- Any products that are covered by non-harmonized standards should not be CE marked.
- Caldwell hardware will endeavour to make test data available for all of its relevant products.
- Caldwell will print test data for pre-tensioned balances onto the balance tubes as stated in non harmonised standard BS EN 13126-13:2012. This test data is for information purposes only as the testing is to a non harmonized standard.
- Please see the list of relevant products below along with Caldwell guidance note.
- Currently the only harmonised standard that affects Caldwell's products is EN 14351 clause 4.8. However, none of these products can be CE marked by Caldwell as the standard EN 14351 applies to a fully assembled window.
- System bespoke hinges can be CE marked by Caldwell where the hinge has been tested to EN 1935:2002.

Product Group	Typical Codes	Harmonized Standard	Overview of Standard	Caldwell Guidance Note
Spring Balances	Spiral, Ultralift & Torso	EN 13115: Contains test standard: EN 12046-1:2003 (in BS EN 14351:2006).	Standard refers to the operating forces of a window.	Caldwell can provide cycle test / force results for in-house balance testing only. Caldwell would always propose additional testing on the window and hardware together as stated in this EN standard.
Spring Balances	Spiral, Ultralift & Torso	EN 1191:2000 Contains test standard: EN 12046-1:2003 (in BS EN 14351:2006).	Standard refers to resistance to opening/closing	Caldwell can provide cycle test / force results for in-house balance testing only. Caldwell would always propose additional testing on the window and hardware together as stated in this EN standard.
Folding Openers	112, 110 18 type etc.	EN 13115: Contains test standard: EN 12046-1:2003 (in BS EN 14351:2006).	Standard refers to the operating forces of a window.	Caldwell can provide cycle test / force results for in-house folding opener testing only. Caldwell would always propose additional testing on the window and hardware together as stated in this EN standard.
Folding Openers	112, 110 18 type etc.	EN 1191:2000 Contains test standard: EN 12046-1:2003 (in BS EN 14351:2006).	Standard refers to resistance to opening/closing	Caldwell can provide cycle test / force results for in-house folding opener testing only. Caldwell would always propose additional testing on the window and hardware together as stated in this EN standard.
Folding Openers	112, 110 18 type etc.	EN 14351:2006.	Standard, refers to the "load bearing capacity of safety devices" being tested to a static load of 350N for 60 seconds.	Folding Openers are directly referenced in this standard as Casement Restrictors. Test data will be made available to customers tested close to these criteria. Caldwell would always propose additional testing on the window and hardware together as stated in this EN standard.
Hinges	Single Axis Hinges	EN 1935:2002.	Building Hardware - Single-axis hinges - Requirements and test methods	Single Axis Hinges are directly referenced in this standard, these are often system specific items. Where requested and agreed with the customer then testing will be carried out to this standard enabling a CE mark to be applied by Caldwell.

All of the information shown on this data sheet was correct at the time of issue. All information however is subject to change and therefore it is advisable to check with Caldwell Hardware to ensure that you have the latest issue level.

# CALDWELL

SOLUTIONS THAT SET NEW STANDARDS

Telephone 024 7643 7900

Continued:

Product Group	Typical Codes	Harmonized Standard	Overview of Standard	Caldwell Guidance Note
Bar Restrictors	RA150/ 250/350	EN 14351:2006.	Standard, refers to the "load bearing capacity of safety devices" being tested to a static load of 350N for 60 seconds.	Bar restrictors for vertical sliding windows are not directly referenced in this standard. Test data however is available in line with clause 4.8 for Load-Bearing capacity of safety devices. Caldwell would always propose additional testing on the window and hardware together as stated in this EN standard.
Travel Restrictors	PE401N, PE633, UK646N, 202	EN 14351:2006.	Standard, refers to the "load bearing capacity of safety devices" being tested to a static load of 350N for 60 seconds.	Travel restrictors for vertical sliding windows are not directly referenced in this standard. Test data however is available in line with clause 4.8 for Load-Bearing capacity of safety devices. Caldwell would always propose additional testing on the window and hardware together as stated in this EN standard.
Casement Restrictors	900, 901, Truth & AMC Limit Devices	EN 14351:2006.	Standard, refers to the "load bearing capacity of safety devices" being tested to a static load of 350N for 60 seconds.	Casement restrictors are directly referenced in this standard. Test data will be made available to customers tested close to these criteria. Caldwell would always recommend that additional testing is carried on the window and hardware together as stated in this EN standard.
Pivots	3000 Pivot	EN 14351:2006.	Standard, refers to the "load bearing capacity of safety devices" being tested to a static load of 350N for 60 seconds.	Pivot tilting restriction is directly referenced in this standard. Test data will be made available to customers tested close to these criteria. Caldwell would always propose additional testing on the window and hardware together as stated in this EN standard.
Pivots	3000 Pivot	EN 13115: Contains test standard: EN 12046-1:2003 (in BS EN 14351:2006).	Standard refers to the operating forces of a window.	Caldwell can provide cycle test / force results for in-house pivot testing only. Caldwell would always propose additional testing on the window and hardware together as stated in this EN standard.
Pivots	3000 Pivot	EN 1191:2000 Contains test standard: EN 12046-1:2003 (in BS EN 14351:2006).	Standard refers to resistance to opening/closing	Caldwell can provide cycle test / force results for in-house pivot testing only. Caldwell would always propose additional testing on the window and hardware together as stated in this EN standard.

### IMPORTANT

- ALL OF THE ABOVE INFORMATION WAS CORRECT WHEN ISSUED AND WAS SUPPLIED IN GOOD FAITH HOWEVER CALDWELL CAN NOT ACCEPT ANY LIABILITY FOR ANY ERRORS.
- THE ULTIMATE RESPONSIBILITY FOR OBTAINING THE CORRECT INFORMATION REQUIRED WHEN APPLYING A CE MARK ALWAYS SITS WITH THE ORGANISATION WHO ARE APPLYING IT; THIS IS NORMALLY AT FINAL POINT OF SALE.

All of the information shown on this data sheet was correct at the time of issue. All information however is subject to change and therefore it is advisable to check with Caldwell Hardware to ensure that you have the latest issue level.

DATASHT-00781

ISSUE 2

07.02.13