From 1st July 2013 it will become mandatory for manufacturers of windows & doors to apply CE Marking to their products.

What is CE Marking?

- CE Marking is a mandatory conformity marking for products placed on the market in the European Economic Area (EEA). A CE Marking indicates to a customer that a product conforms to specific European technical standards, known as harmonised European Norms (hEN).

Responsibility for CE Marking

- According to the Construction Product Regulation the manufacturer (the company or individual that creates the finished ‘construction element’). In the case of windows and doors this would mean the person who supplies the frame and glass. Please Note: An unglazed frame will not require a CE Mark.

- All fabricators will need to apply CE Markings to their products, failure to do so will result in a criminal offence.

Do I need to CE Mark my windows and doors?

- Yes, from 1st July 2013 it becomes mandatory for manufacturers of any construction product (including windows and doors), to apply a CE Marking to all products.

- This requirement is part of the Construction Products Regulation 2011 (CPR), which replaces the Construction Products Directive (CPD).

How Masco UKWG supports you:

To support in understanding and assisting your progress to CE Marking. The enclosed information is specific to the Duraflex Diamond Suite of products and covers all of the necessary updates you require.

- BPF CE Marking Guide
- DOP (Declaration of Performance) all products
- MASCO UKWG - Info regarding dangerous substances
- Draft letter for use to all suppliers
- CE Marking label options
- DOP Product evidence
CE Marking - An Introduction

CE Marking Indicator

- CE marking indicates that a product conforms to legal requirements in specific European technical standards known as harmonised European Norms ('hEN'). It enables a product to be placed legally on the market in any European member state. However, regulatory requirements may differ from country to country. Note, this will mean Scotland, Wales and Northern Ireland in the future as the developed administration have responsibility for Building Regulations in their countries.

- The CE Marking symbol is placed on the product and can be added to the packaging and/or documents accompanying the product.

- The guide is intended for manufacturers who make external windows and doors but excludes fire and smoke control windows and doors, although much of the guidance will apply in the latter.

- The manufacturer is the company that brings together the frame and the glazing, i.e. a company that buys frames from one source and IGU’s from another is deemed to be the manufacturer under the CPR.

BPF CE Marking Guide

What do you need to do to comply with CE Marking requirements?

1. Define your product ranges, e.g. casement, tilt/turn, vertical sliders, reversibles, single and double residential doors, bi-fold, patio, composite doors and doors with panels.

2. The required characteristics for the UK are strength of any fitted safety device, the presence of any dangerous substances and the thermal performance (U Value). *Enclosed are specific DOP results for each of the ten selected products.

3. Compliance with these characteristics is demonstrated using self certification.

4. A Notified Body (NB) is responsible for the Initial Type Testing (ITT) and you are responsible for factory production control.

5. ITT test reports will normally be cascaded down from your PVC-u system supplier. If not, then you will need test reports from a Notified Test Laboratory.


7. Produce a Declaration of Performance.

For further information from the BPF (British Plastic Federation) please go to:

www.bpf.co.uk
DoP (Declaration of Performance)

Declaration of Performance

A key part of the CE Marking process is that a Declaration of Performance must be produced by the window manufacturer.

The Declaration of Performance details all of the essential characteristics of the product and enables the information to be available to the end user.

The document has to be available in the public domain, so not only does the certification need to accompany the product it needs to be visible in places such as your website.

In order for full compliance companies only have to make a single declaration for each window and door type, this however must be signed off by the manufacturers registered representative, if this is not adhered to the document is null and void.

Your Guide to DoP documentation

In order to complete the form the following information must be documented:

- **PRODUCT TYPE & DESCRIPTION**
  This must include all of the product identification, serial number and the detail of the intended use for the product.

- **MANUFACTURERS DETAILS**
  This must include the full name and address of the business and also the manufacturing address.

- **ASSESSMENT, VERIFICATION & CONSTANCY OF PERFORMANCE (AVCP)**
  Reference to any reports verified by the Notified Body.

- **HARMONISED STANDARD**
  Include the applicable standard (eg. BS EN 14351-1:2006 + A1:2010)

- **DECLARED PERFORMANCE**
  The following performance characteristics may be declared in the following areas:
  - Watertightness
  - Resistance to wind loading
  - Air Permeability
  - Dangerous Substances
  - Load Bearing capacity of safety device
  - Acoustic Performance
  - Thermal Transmittance
  - Radiation Properties
  Please Note: The three marked in bold MUST be declared.

- **SIGNATURE**
  All DoP documents must be signed and dated by the manufacturers registered representative.
Masco UKWG DoP Example

This is an example of how to complete your Declaration of Performance, a template is available at www.ukwg.co.uk/cemarking

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**DECLARATION OF PERFORMANCE - DOP**

1. **PRODUCT TYPE:** Glazed PVCU Tilt & Turn Window
2. **PRODUCT TYPE NUMBER:** Diamond Suite
3. **INTENDED USE:** Domestic & Commercial
4. **MANUFACTURER:** Masco UK Window Group Ltd
5. **AUTHORISED REPRESENTATIVE:** Not applicable
6. **SYSTEM OF PERFORMANCE:** 3
7. **REFERENCED HARMONISED STANDARD:** BS EN 14351-1:2006 + A1:2010

**British Board of Agrement (NB No.0836) performed verification tasks and issued Assessment Report S2/49532 Iss 2**

8. **EUROPEAN TECHNICAL ASSESSMENT:** Not Applicable

<table>
<thead>
<tr>
<th>ESSENTIAL CHARACTERISTICS</th>
<th>PERFORMANCE</th>
<th>HARMONISED TECHNICAL SPECIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>WATERTIGHTNESS</td>
<td>NPD</td>
<td>BS EN 14351-1:2006 + A1:2010</td>
</tr>
<tr>
<td>RESISTANCE TO WIND</td>
<td>NPD</td>
<td></td>
</tr>
<tr>
<td>AIR PERMEABILITY</td>
<td>NPD</td>
<td></td>
</tr>
<tr>
<td>DANGEROUS SUBSTANCES</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>LOAD BEARING CAPACITY OF SAFETY DEVICE</td>
<td>Pass, 350N</td>
<td></td>
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<tr>
<td>ACOUSTIC PERFORMANCE</td>
<td>NPD</td>
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<tr>
<td>THERMAL TRANSMITTANCE</td>
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</tr>
<tr>
<td>RADIATION PROPERTIES</td>
<td>NPD</td>
<td></td>
</tr>
</tbody>
</table>

The performance of the product identified in points 1 & 2 is in conformity with the declared performance in table above.

This declaration of performance is issued under the sole responsibility of manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

(Name & Title)

(Place & Date of Issue)  (Signature)
In accordance with EN 14351

Due to the mandatory introduction of CE Marking, the Masco UK Window Group has a legal duty to provide all information on dangerous substances used in the extrusion process.

To whom it may concern,

EN 14351:1 - CE Marking
Dangerous Substances (Clause 4.6)

Masco UK Window Group Limited hereby confirm that in accordance with the requirements of EN 14351:1, products supplied will not cause any detrimental emissions or migrations during normal intended use which are potentially dangerous to hygiene, health or the environment including the following constituent components of the PVC-u profile -

- Resin: Poly Vinyl Chloride
- Stabiliser: Complex mixture of acid scavengers, metal soaps and lubricants
- Impact Modifier: MethyImethacrylate - Acrylic Copolymer
- Process aid: MethyImethacrylate - Acrylic Ester Copolymer
- Filler: Calcium Carbonate
- Pigmentation: Titanium Dioxide
- Colourant additive: CAS non hazardous

Signed: ________________________ Date: 30.05.2013

Accreditations Manager
Masco UKWG
To whom it may concern,

CE Marking in accordance with EN 14351

With the imminent and mandatory introduction of CE Marking in the UK ion 1st July 2013, based on the requirements of EN 14351, (Your Company Name) has to address a number of issues and we therefore come to you as a supplier of the Group for information to enable us to meet our legal obligation.

All Suppliers -
1. Please confirm, in accordance with the requirements of EN 14351-1:2006, existing products and those supplied in the future to (Your Company Name), will not cause any detrimental emission or migration during normal intended use which are potentially dangerous to hygiene, health or the environment.

2. Please provide with the above information a Certificate of Conformity dated from current date to 31st December and ensure a system is set up to provide an annual C of C starting from 1st January for future years of trading. The C of C should make reference to compliance with relevant standards for products supplied, including the above.

3. We would also appreciate copies of any accreditations held by your company (BSI Kitemarks, BBA certification, ISO 9001 etc)

4. For suppliers of hardware the following is also required:
   Would you please supply a report/confirmation of testing to EN 14609 or EN 948 by a Notified Body for any products supplied to (Your Company Name) that contain safety devices, restrictors etc.

5. In addition we would appreciate copies of reports confirming Corrosion Resistance testing to EN 1670:2007 for all products supplied. The grade of resistance shall be to that agrees with (Your Company Name) and at least to Grade 3 (96hrs).

6. In addition where emergency exit devices and panic devices are supplied we require confirmation that they comply with EN 179, EN 1125, prEN 13633 or prEN 13637.

Yours faithfully

Name
Position
Creating a CE Label

How to create your label

This is an example of how to complete your CE Label, a template is available at www.mascoukwg.co.uk/cemarkings

Masco UKWG
Examples of the Masco CE Marking
Enclosed on the disk is the full DoP Product Evidence for MASCO UKWG Products. If you require any further technical information please email: technicalassist@duraflex.co.uk.
**CE Marking - Flow Chart**

- **Do you supply doors with emergency exit panic devices?**
  - NO: An appropriate Factory Control (FPC) system is needed.
  - YES: Notified Body cert. will be required - Build Check Ltd can assist with this

- **Do you have a documented factory quality system, e.g. an FPC?**
  - NO: Amend quality system to meet EN 14351
  - YES: ITT is required from a Notified Body - Masco UKWG have U-value calculations for ITT

- **Does your quality system meet the requirements of EN 14351?**
  - NO: Do you have Initial Type Testing (ITT) from a notified body?
    - NO: DoP must be supplied with produce or be made easily available.
    - YES: A CE Mark is required for each product
  - YES: Are you applying the CE Mark correctly to your products?
    - NO: Your products are not CE Marked
    - YES: Your products are CE Marked

**Note:**
- DoP must be supplied with produce or be made easily available.
- An appropriate Factory Control (FPC) system is needed.
- ITT is required from a Notified Body.
- EN 14351 requirements must be met.
- A CE Mark is required for each product.
Useful Information & Contacts

**Construction Products Association**
www.bsigroup.com  
Tel: 0207 323 3770  
Email: enquiries@constructionproducts.org.uk

**British Standards Institute**
www.bsigroup.com  
Tel: 0208 996 9001  
Email: cservices@bsigroup.com

**European Commission CE Marking**
www.ec.europa.eu/enterprise/policies/single-market-goods/cemarking

**Buildcheck Ltd**
www.buildcheck.co.uk  
Tel: 01494 452713  
Email: info@buildcheck.co.uk

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