Glass Products

What is the Construction Products Regulation (CPR) and how does it affect me?

Effective from July 2013 what is called the Construction Products Regulation (CPR) will replace the Construction Products Directive (CPD). The most significant implication for you is that CE marking will become mandatory in the EU and the UK for those products covered by a European harmonised standard.

What will happen if you don't get your products CE Marked?

Failure to comply means that you will not be able to legally sell your construction products anywhere within the EU, including the UK. In addition, your Company's Director has a legal obligation to ensure all required products are CE marked.

How to attain product CE Marking

To apply the CE mark you first need to identify the applicable standards to which your products are manufactured. Products covered by the CPR include:

- **Insulated glass units**
- **Glass for use in buildings**
  - Thermally toughened soda lime silicate safety glass
  - Thermally toughened heat soaked soda lime silicate safety glass
  - Laminated glass and laminated safety glass
  - Glass ceramics
  - Thermally toughened borosilicate glass
  - Alkaline earth silicate glass
  - Chemically strengthened soda lime silicate glass.

Glass for land transport is not affected by the change as it is not covered by the CPR.

What action do you need to take

You need to identify the relevant harmonised standards and system (level) of Attestation of Conformity for your product to establish what action you need to take.

We can help you to identify this information, contact us or visit www.bsigroup.com/cpr to find out more.

What are Attestation of Conformity Systems

The system (level) of Attestation of Conformity, called the verification of constancy of performance in the CPR, is set by the Commission for product families and can if applicable be found in Annex ZA of the applicable standard. There are five systems (levels). For all levels of Attestation of Conformity the manufacturer must have factory production control (FPC) system the type and extent of which is determined by the relevant product standard and initial type-testing (ITT).

Attestation of conformity systems depend on the level of safety of a product in installation and use (for example, structural products tend to be safety critical therefore it will be likely to be level 1, whereas decorative products are usually not). For safety critical products, these usually involve testing, inspection and certification by a notified body. For less safety critical products, the CE marking will usually involve a manufacturer's declaration only, with less third party involvement.

The processes involved in attaining that level and who is responsible for those tasks are shown in the Table 1. *(See overleaf)*

- In all cases, a system of Factory Production Control (FPC) is required. The FPC is largely akin to a quality management system and the requirements are covered in the applicable product standard. If your organisation already holds an ISO 9001 2008 registration these requirements may be fulfilled by that system. **>>**

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l   For Attestation systems 1+ and 1 you need to obtain an EC Certificate of Constancy of Performance issued by a Notified Body

l   For Attestation systems 2+ and you need to obtain an EC Certificate of Factory Production Control issued by a Notified Body

l   For systems 2+ and 4 you must complete Initial Type Testing and begin to draw up a Declaration of Performance based on the product properties required by the applicable standard

l   For systems 1+, 1 you will need to apply to a Notified body to enable samples to be taken and initial type testing to be conducted by the Notified body

l   For system 3 you will need a Initial Type test report from a Notified body

l   For system 4 Declaration of performance can be drawn up by the producer with no need for the involvement of a notified body (self declared).

What do I do if I already have the Kitemark?

Kitemark covers CE marking in most cases. Please contact us to discuss your specific products to check that all of the relevant characteristics are covered by the Kitemark schemes.

When do I need to act to make sure that my products are ready for CE marking?

Although the legal change does not take effect until July 2013 you must act now to ensure that your products are ready in time.

Simple steps to obtaining EC Certificates and Initial Test Reports

l   If your products are systems 1+, 1, or 2+ you need to apply to a Notified Body who can issue you with an EC certificate.

l   If your product is system 3 it requires Initial Type Testing to the requirements of the applicable standard, you need to contact a Notified Laboratory.

Responsibility	Task	Attestation of Conformity				
		1+	1	2+	3	4
Manufacture	Factory Production Control	X	X	X	X	X
	Initial Type Testing			X		X
Notified Body	Initial Inspection	X	X	X		
	Continuous Surveillance	X	X	X		
	Initial Type Testing	X	X		X	
	Audit Testing	X				

Table 1- showing responsibilities for each Attestation of Conformity system

l   BSI can act in this capacity for a number of products that are systems 1+, 1, 2+ or 3.

l   If you have any further questions regarding the CE process a BSI specialist can advise you.

Further Information
To find out more about CE Marking and the Construction Products Regulation
Visit www.bsigroup.com/cpr
Call BSI on +91 11 2692 9000

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