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## CE Marking for OCF<sup>1</sup> under the Construction Products Regulation (CPR)

FEICA, the Association of the European Adhesive and Sealant Industry, is a multinational association representing the European adhesive and sealant Industry. With the support of its national associations and several direct and affiliated members, FEICA coordinates, represents and advocates the common interests of our industry throughout Europe. In this regard FEICA aims at establishing a constructive dialogue with legislators in order to act as a reliable partner and create a mutually beneficial economic and legislative environment.

### Background

The CE mark is a claim that a particular construction product can be marketed in the European Economic Area (EEA). Thus, within the European Economic Area the CE mark is an important factor in the marketing and free movement of construction products; several member states prohibit construction products without CE marking from entering their market.

This paper is about CE marking for OCF<sup>1</sup>.

### Executive Summary

CE marking for construction products is:

1. Mandatory when:
  - a) a European harmonised standard (hEN) exists for the product.
  - b) a European Technical Approval (ETA<sup>22</sup>) was issued for the specific product (under the old Construction Products Directive/CPD) , or
  - c) a European Technical Approval (ETA) was issued for the specific product (under the old Construction Products Directive/CPD) and this ETA is used as the European Technical Assessment and forms the basis for the declaration of performance (see Article 66 (4)).
2. Voluntary when:
  - a) a European Technical Assessment Guideline (ETAG) exists for the product (under the old Construction Products Directive/CPD), or
  - b) a European Assessment Document (EAD) exists (under the new Construction Products Regulation/CPR).

For OCF<sup>1</sup> Foams neither European harmonised standard (hEN) nor a European Technical Approval (ETA<sup>2</sup>) exists and thus CE marking is not mandatory for any OCF product.

<sup>1</sup> **OCF**: Generic for moisture curing One-Component Foams dispensed from pressurised containers ("aerosol cans") as well as self-curing two-component foams dispensed from pressurised containers ("1.5 component foams")

<sup>2</sup> **ETA**: A European Technical Approval (ETA) for a construction product is an assessment of its fitness for an intended use, based on its contribution to the fulfilment of the 6 Essential Requirements. An ETA can be granted when any of the following conditions apply:

- no relevant Harmonised Standards for the product exist
- no mandate for such a Standard has been given by the European Commission
- the European Commission considers that a Standard cannot be developed (yet)
- a product deviates significantly from the relevant Harmonised Standards.

The ETA allows manufacturers to place CE marking on their products. When a European Technical Approval has been issued it is valid in all EEA countries, for a period of five years, renewable thereafter.

Only a few ETAGs exist or are under development, such as the ETAG004. As discussed above, these ETAGs and thus the respective CEs are voluntary.

## FEICA OCF Technical Working Group

One-component foam manufacturers representing more than 90% of the market in Europe are members of FEICA. These OCF manufacturers work together within FEICA to develop standards and professionalise the industry.

A challenge faced by the industry had been the lack of official standards for the verification and comparison of OCF products. Although there are many standards available for polyurethane (PU) foams, most are not appropriate for OCFs because they were developed for manufactured, cured PU foams. As a result, they do not give a reliable indication of the quality of an OCF because they do not take into account the application process, which has a huge bearing on the ultimate quality of the OCF.

Consequently, FEICA's OCF Technical Working Group has developed a new range of standard test methods that deliver realistic, reproducible results for OCF products. Based on these tests and further work of the Technical Working Group, hEns can be developed in the future.

## CE for fire rated OCF foams

A company can only get a CE mark for fire rated OCF foams when it has developed an ETA, or under the new CPR an EAD, specifically for its own product, based on an ETAG; in this case based on the ETAG 026. Again the respective CE is a voluntary one.

## References

- Construction Products Regulation:  
[https://ec.europa.eu/growth/sectors/construction/product-regulation\\_en](https://ec.europa.eu/growth/sectors/construction/product-regulation_en)
- The European Organisation for Technical Approvals (EOTA) – What is an ETA:  
<https://www.eota.eu/en-GB/content/do-you-want-to-ce-mark-your-construction-product/18/>
- FEICA OCF Technical Working Group  
<http://www.feica.eu/our-industry/pu-foam-ocf.aspx>

## Contact

This document was developed by FEICA's One-Component Foam (OCF) Technical Working Group.

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