



# **Development of a European approach to assess the fire performance of facades**

## **Update from DG GROW.C.1**



## Assessment of facades fire performance

Regulation (EU) 305/2011 (the CPR) on the marketing of construction products is based on Article 114 of the TFEU and aims at **consolidating the internal market** for construction products by setting common technical rules on how the performance of construction products should be assessed and declared.

These rules are written in **harmonised European standards** and in **European Assessment Documents** (if the performance of the construction product cannot be assessed by a hEN).

## **Assessment of facades fire performance**

**For products used to built facades (e.g. ETICS, cladding kits, etc.) the large number of existing national facades assessment methods represents an obstacle to the effective elaboration of hENs and EADs.**

**Today the situation is such that the manufacturer who wants to sell his e.g. ETICS on several EU countries is obliged to have his product assessed in everyone of those regulating countries where he intends to make the product available on the market.**

**Therefore a European assessment approach needs to be defined to facilitate the elaboration of hENs and EADs for products used to built facades. The European assessment approach should:**

- allow fire regulators of Member States to express their requirements**
- create the minimum possible extra burden for manufacturers.**

## **Assessment of facades fire performance**

**After consultation with the Member States the EC services have commissioned a study to a consortium led by the Swedish SE to develop the European facades fire assessment method using BS 8414-1 (large scale test) complemented by criteria on falling parts and also using as a second method DIN 4102-20 (medium scale test).**

**If Member States regulators would like to regulate they will be able to refer either to the medium or the large scale method.**

**The performance of products assessed under the large scale assessment method would also be recognised in Member States which regulate on the basis of the medium scale method.**

## **Assessment of facades fire performance**

**On the occasion of the next meeting of the Steering Group for the study (November 2017) the EC services intend to ask the fire regulators of Member States if, after the Grenfell fire they would need to regulate on the basis of the medium scale test or if they would switch to the large scale test method.**

**The study is expected to be finalised in early 2018 and may need to be complemented by a round robin phase.**

**The fine tuned test method is afterwards expected to be incorporated in harmonised ENs and EADs for products used to built facades (e.g. ETICS, cladding kits, etc.).**



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**Thank You for Your attention!**