



EUROPEAN COMMISSION  
ENTERPRISE DIRECTORATE-GENERAL

Single Market, regulatory environment, Industries under vertical legislation  
Conformity and standardisation, new approach, industries under new approach

Brussels, 23 August 2000

M/138 - EN

## **ADDENDUM TO :**

MANDATE **103** TO CEN/CENELEC  
CONCERNING THE EXECUTION OF STANDARDISATION WORK  
FOR HARMONISED STANDARDS ON

**THERMAL INSULATION PRODUCTS**

**This addendum modify the original mandate<sup>1</sup> in the following manner :**

- The text of Annexes 2 and 3 of the mandate on **THERMAL INSULATION PRODUCTS** shall be modified as indicated in Annex A of this amendment.

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<sup>1</sup> M126 regarding Annex 3 and M130 regarding Annex 4 have previously amended the original mandate.

## ANNEX A

### **Introduction :**

**Expanded polystyrene products (EPS)** and **Extruded polystyrene foam products (XPS)** are used in roads, railways and other civil engineering applications e.g. as lightweight fill, frost insulation and for the reduction of horizontal and vertical loads (damper for elimination of vibrations). They are often exposed to dynamic loads when used in roads, railways and other trafficked areas. The products are factory made, e.g. in the form of rigid sheets, blocks or formless. The original mandate needs to be amended with some characteristics related to civil engineering applications.

### **ADDITION TO ANNEX 2 OF MANDATE**

*The following is added to Annex 2, Mandate 1<sup>2</sup> “Floor beds (including suspended ground floors), roads and other trafficked areas” and Mandate 2 “Foundations and retaining walls, under the title “Thermal insulating products: factory made products” :*

Additional characteristics for specific products:

Expanded polystyrene products (EPS) and Extruded polystyrene foam products (XPS)

**Resistance to dynamic loads**

**Reaction to fire**

**Durability of resistance to dynamic loads and reaction to fire against ageing/degradation**

**Durability against chemicals and biological attack**

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### **ADDITION TO ANNEX 3 OF MANDATE**

*The following characteristic is added to paragraph 3.2 under the heading “Product family : thermal insulating products (1/2)” in Annex 3 :*

**“Resistance to dynamic loads”**

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<sup>2</sup> The original mandate was organised by “sub” mandates 1 to 33, indicating different intended uses. This numbering system shall not be confused with the current system. That form of presentation of mandates was later on abandoned and the numbering of mandates is now done in a series, running from M100 to M134, and so on.