Brussels, 18th May 2009
M/442 EN

Amendments to mandate to CEN and CENELEC concerning the execution of standardisation work for a harmonised standard on chimneys, flues and specific products.

Explanatory note

Following the modification of Mandate 117 regarding the horizontal complement to the mandates to CEN/CENELEC concerning the execution of standardisation work for the evaluation of construction products and elements in respect of their resistance to fire, it is necessary to amend Mandate 105 to CEN/CENELEC regarding Chimneys, flues and specific products.

This amendment modifies the original mandates in the following manner:

The Tables of performance characteristics of "Chimney, flues and specific products" and "Kits of free standing chimneys and attached chimneys" in Annex 2 of the mandate M 105 to CEN/CENELEC on **CHIMNEYS, FLUES AND SPECIFIC PRODUCTS** shall be modified as indicated in Annex A of this amendment.

ANNEX A

Introduction:

The Tables of performance characteristics of "Chimney, flues and specific products", "Kits of free standing chimneys and attached chimneys" and the "Comprehensive table of characteristics" in Annex 2 of the original mandate need to be amended as follows.

AMENDMENT TO ANNEX 2 OF MANDATE

CHIMNEYS, FLUES AND SPECIFIC PRODUCTS

Characteristics to be covered by the harmonized standard will be:

E.R.	PERFORMANCE CHARACTERISTICS	DURABILITY
1		
2	- Fire reaction - Fire resistance * Soot fire resistance G *(for components subject to soot fire)* * Non-Soot fire resistance O *(for components not subject to soot fire)* * insulation I *(for components having a separating function)* * Integrity E *(for components having a separating function)*	
3	- Gas tightness/leakage - Flow resistance (when relevant) - Dimensioning / Thermal resistance (when relevant) - Thermal shock resistance - Release of dangerous substances	Y (against chemicals/corrosion)
4	-Strength : * flexural tensile * compressive -Resistance to freeeze-thaw *(if relevant)*	Y (against chemicals) Y (against chemicals)
5		
6		

KITS OF FREE STANDING CHIMNEYS AND ATTACHED CHIMNEYS

Characteristics to be covered by the harmonized standard will be:

E.R.	PERFORMANCE CHARACTERISTICS	DURABILITY
1	resistance to wind load - stability -Strength : * compressive	Y (against chemicals/corrosion)
2	- Fire reaction - Fire resistance * Soot fire resistance G *(for components subject to soot fire)* * Non-Soot fire resistance O *(for components not subject to soot fire)* * insulation I *(for components having a separating function)* * Integrity E *(for components having a separating function)*	
3	- Gas tightness/leakage - Flow resistance - Dimensioning/Thermal resistance - Thermal shock resistance - Release of dangerous substances	Y (against chemicals/corrosion)
4	-Strength : * tensile *(only for means of connection for attached chimneys)* -Resistance to freeeze-thaw *(if relevant)*	Y (against corrosion)
5		
6		

COMPREHENSIVE TABLE OF CHARACTERISTICS

CHIMNEYS, FLUES AND SPECIFIC PRODUCTS

Characteristics to be covered by the harmonized standard will be:

ER	Performance characteristic	elem. chim.	kits	terminals	durability
1	-Resistance to wind load		Y		
	-Strength :				
	*compressive		Y		Y (against chemicals/corrosion)
2	- Fire reaction	Y	Y		
	- Fire resistance	Y	Y		
	* Soot fire resistance **G** *(for components subject to soot fire)*				
	* Non-Soot fire resistance **O** *(for components not subject to soot fire)*				
	* insulation I *(for components having a separating function)*				
	* Integrity E *(for components having a separating function)*				
3	- Gas tightness/leakage	Y	Y		Y (against chemicals/corrosion)
	- Flow resistance	Y	Y (a)	Y	
	- Dimensioning/Thermal resistance	Y	Y (a)		
	- Thermal shock resistance	Y	Y		
	- Release of dangerous substances	Y	Y		
4	-Resistance to freeze-thaw *(if relevant)*	Y	Y		
	-Strength :				
	* tensile *(only for means of connection)*		Y		
	* flexural tensile	Y			Y (against corrosion)
	*compressive	Y			Y (against chemicals)
	(a) When relevant				