MANDATE M/132

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ADDENDA TO :

MANDATES TO CEN/CENELEC

CONCERNING THE EXECUTION OF STANDARDISATION WORK

FOR HARMONISED STANDARDS ON

CIRCULATION FIXTURES;

STRUCTURAL BEARINGS;

AND

FLOORINGS.

These addenda modify the original mandates in the following manner :

The text of Annexes 1, 2 and 3 of the mandate on **CIRCULATION FIXTURES** shall be modified as indicated in Annex A of this amendment.

The text of Annexes 1, 2 and 3 of the mandate on **STRUCTURAL BEARINGS** shall be modified as indicated in Annex B of this amendment.

The text of Annexes 1, 2 and 3 of the mandate on **FLOORINGS** shall be modified as indicated in Annex C of this amendment.

ANNEX A

ADDITION TO ANNEX 1 OF MANDATE

Top

The following row is added to the table in Annex 1 :

FORM	MATERIALS	PRODUCTS FOR CONSIDERATION
Granular Formless	Glass Aggregates (natural, manufactured, by-products of industrial processes or recycled)	**Drop-on materials** for road marking applications (glass beads, anti-skid aggregates and combinations of the two)

"

ADDITION TO ANNEX 2 OF MANDATE

The following family of products is added to Annex 2 :

Family and subfamilies
Drop-on materials for road marking applications (glass beads, anti-skid aggregates and combinations of the two) Materials dropped onto paints, thermoplastics, cold plastics and any other marking product applied in a liquid state, immediately after application to the road surface.

Characteristics to be covered by the harmonised standards will be :

E R	PERFORMANCE CHARACTERISTICS *	DURABILITY
1		
2		
3		Y
4	Visibility *(e.g. refractive index, luminance factor, colour co-ordinates, roundness and transparency, …, as relevant)* Granulometry Resistance to fragmentation *(friability)*	(e.g. against water, chemicals, ..., as relevant)
5		
6		

* Anti-skid resistance is considered to be adequately covered by the "proxy" characteristics below. If this is not the case, CEN are requested to take account of this extra characteristic.

"

ADDITION TO ANNEX 3 OF MANDATE

In Annex 3 the following text is added to the "Product(s)" column of the table for product family "CIRCULATION "CIRCULATION FIXTURES (1/2)" immediately above the wording "- Permanent marking tapes and preformed markings" :

"Road marking products :

- Drop-on materials (glass beads, anti-skid aggregates and combinations of the two),"

ANNEX B

ADDITION TO ANNEX 1 OF MANDATE

Top

The following row is added to the table in Annex 1 :

"

FORM	MATERIALS	PRODUCTS FOR CONSIDERATION
Components	e.g. : Elastomer Metals Cork Hydraulic fluids PTFE (incl. carbon-filled)	**Structural bearings – anti-seismic devices** (as kits)

"

ADDITION TO ANNEX 2 OF MANDATE

The following family of products is added to Annex 2 :

"

Family and subfamilies
Structural bearings – anti-seismic devices Devices used in structures to transmit loads through the desired point. Anti-seismic devices are specifically designed to resist the additional forces generated in earthquakes.

Characteristics to be covered by the harmonised standards will be :

E R	PERFORMANCE CHARACTERISTICS	DURABILITY

1	Load-bearing capacity (compression and tension) Resistance to seismic loads / shock absorption Shear modulus Rotation capability Friction coefficient Horizontal distortion capability	Y (e.g. against repeated loading, temperature, corrosion, ozone, chemicals, ...,as relevant)
2		
3		
4		
5		
6		

"

ADDITION TO ANNEX 3 OF MANDATE

No change to Annex 3 of this mandate as the decision already covers all types of structural bearing.

ANNEX C

ADDITION TO ANNEX 1 OF MANDATE

Top

The following row is added to the table in Annex 1 :

"

FORM	MATERIALS	PRODUCTS FOR CONSIDERATION
Formless	Cement Calcium sulphate Caustic magnesia Magnesium chloride Bitumen Bitumen emulsion Synthetic resin Aggregate (natural, manufactured, by-products of industrial processes or recycled)	**Floor screed materials**

	Admixtures (various) Additives (various)	

ADDITION TO ANNEX 2 OF MANDATE

The following family of products is added to Annex 2 :

"

Family and subfamilies
Floor screed materials Products used in flooring applications to obtain a defined level, to carry the final flooring and/or to provide a wearing surface. Depending upon the binder, the screed material may be described as cementitious, calcium sulphate, magnesite, asphalt, or (polymer) modified cementitious. The products are intended to be laid in-situ, directly onto a load bearing substrate, bonded or unbonded, or onto a compressible or separating layer. Depending upon the use, the final screed layer may be described as floating, heated, bonded, unbonded, or monolithic. Structural screeds, i.e. those that contribute to the load bearing capacity of the structure, are excluded from this mandate.

Characteristics to be covered by the harmonised standards will be :

E R	PERFORMANCE CHARACTERISTICS	DURABILITY
1		
2	Reaction to fire	Y
3	Release of dangerous substances * # Release of corrosive substances Water permeability	
4	Slipperiness / skid resistance Mechanical resistance (e.g. impact resistance, wear resistance, resistance to rolling wheels, bond strength, …, as relevant)	(e.g. against use, chemicals, temperature, humidity, ageing, ..., as relevant)
5	Sound insulation (impact and direct airborne, as relevant)	
6	Thermal resistance	

*In particular, those dangerous substances defined in Council Directive 76/769/EEC, as amended.

CEN are also requested to consider the possible adverse reaction between floor screeds and other flooring materials.

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ADDITION TO ANNEX 3 OF MANDATE

In Annex 3 the following row is added to the bottom of the table for product family "FLOORINGS (2/2)" :

"

Floor screed materials	For internal uses	$(A_{FL} - B_{FL} - C_{FL})^*$	1
		$(A_{FL} - B_{FL} - C_{FL})^{**}$	3
		$A_{FL}^{***} - D_{FL} - E_{FL} - F_{FL}$	3
	For external uses		4

"

Also in Annex 3, the following paragraphs are added in the section dealing with product family "FLOORINGS (2/2)" :

3.5 Regarding "**floor screed materials"** falling under system 1 for the initial type testing of the product [see Annex III.1.a) of the CPD] the task for the approved body will be limited to the following characteristics, where relevant :

Euroclasses characteristics for reaction to fire as indicated in Commission Decision 94/611/EC

Release of dangerous substances (In particular, those dangerous substances defined in Council Directive 76/769/EEC, as amended).

3.6 For "**floor screed materials"** falling under system 1, regarding the continuous surveillance, assessment and approval of the factory production control [see Annex III.1.g) of the CPD], and for the initial inspection of the factory and of the factory production control [see Annex III.1.f) of the CPD], parameters related to the following characteristics shall be of the interest of the approved body, where relevant :

Euroclasses characteristics for reaction to fire as indicated in Commission Decision 94/611/EC

3.7 Regarding "**floor screed materials"** falling under system 3 for the initial type testing of the product [see Annex III.1.a) of the CPD] the task for the approved body will be limited to the following characteristics, where relevant :

Euroclasses characteristics for reaction to fire (except products classified as A^{***}, D, E, F) as indicated in Commission Decision 94/611/EC

Release of dangerous substances (In particular, those dangerous substances defined in Council Directive 76/769/EEC, as amended).

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