

MANDATE M/132[CReatE](#)**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 (<i>e.g. refractive index, luminance factor, colour co-ordinates, roundness and transparency, ..., as relevant</i>) Granulometry Resistance to fragmentation (<i>friability</i>)	(<i>e.g. against water, chemicals, ..., as relevant</i>)
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
<p>Structural bearings – anti-seismic devices</p> <p>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.</p>

Characteristics to be covered by the harmonised standards will be :

E R	PERFORMANCE CHARACTERISTICS	DURABILITY
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1	Load-bearing capacity (compression and tension)	Y (e.g. against repeated loading, temperature, corrosion, ozone, chemicals, ...,as relevant)
	Resistance to seismic loads / shock absorption	
	Shear modulus	
	Rotation capability	
	Friction coefficient	
	Horizontal distortion capability	
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	Floor screed materials
	Calcium sulphate	
	Caustic magnesia	
	Magnesium chloride	
	Bitumen	
	Bitumen emulsion	
	Synthetic resin	
	Aggregate (natural, manufactured, by-products of industrial processes or recycled)	

	Admixtures (various)	
	Additives (various)	

ADDITION TO ANNEX 2 OF MANDATE

The following family of products is added to Annex 2 :

"

Family and subfamilies
<p>Floor screed materials</p> <p>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.</p> <p>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.</p> <p>Structural screeds, i.e. those that contribute to the load bearing capacity of the structure, are excluded from this mandate.</p>

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).

[Top](#)
