



CEN/TC 226 Secretariat

CEN/TC 226 N 1564

"Road equipment"
"Equipements de la route"
"Straßenausstattung"

2016-06-28

Implementation of CPR

Template - Request for the introduction of new Class or Threshold in hEN

- Action :** To be used (same document than N 1537 in Word Format)
- Source :** CCMC
- Comments :** This Template is not quite official, but Gonçalo Ascensao, PM Construction, encourages the CEN/TCs to use it for the requests to be addressed to the EC.
- You can find the Word format of this Template on the Livelink of CEN/TC 226: 02. General committee documents/Other documents/ Requests for classes and threshold values in hENS_CPR/ [Template - Request for the introduction of new Class or Threshold in hEN](#)



Your correspondent : Nathalie GIRARDOT
ligne directe : +33 (0)1 41 62 86 70
nathalie.girardot@afnor.org

Secretary : Esalini THANGARAJAH
ligne directe : +33 (0)1 41 62 85 14
esalini.thangarajah@afnor.org

Request for the introduction of new Class or Threshold

CCMC Reference: 0001
Revision: 00

CCMC reception date: 2014/05/09
EC reception date: xxxx/xx/xx
(to be filled in by CCMC)

Title of the new harmonized EN: EN 13561:2015 'External blinds and awnings - Performance requirements including safety'

WI: 00033477

TC: CEN/TC 33 'Doors, windows, shutters, building hardware and curtain walling'

Title of the existing harmonized EN (if existing): EN 13561:2004+A1:2008 'External blinds - Performance requirements including safety'

WI: 00033368

TC: CEN/TC 33 'Doors, windows, shutters, building hardware and curtain walling'

Essential Characteristic 01	
Product: External blinds as covered in the scope of this European Standard [WI: 00033368]	
Intended use: For external use	
Essential Characteristic and or proxy: Resistance to wind load	
Reasons for the request	Justification needed
<input checked="" type="checkbox"/> Technical update/ state of the art	See Justification
<input type="checkbox"/> Existing in relevant technical document	[Identification of the document (e.g. EN) / Citation of EN in OJEU]
<input type="checkbox"/> Included in regulation	[Reference of the regulation / TRIS reference]
<input type="checkbox"/> Included in answer to mandate	[Reference of the TC document]

Essential Characteristic 01

Characteristic / Requirement [unit]	Proposed thresholds	Existing thresholds [value and	Clause (and WI if in another
-	-	-	-
Characteristic / Requirement [unit]	Proposed classes [range]	Existing classes [range and	Clause (and WI if in another
Nominal wind pressure p_N	0] ∞ ; 40[	0] ∞ ; 40[	Clause 4.4
Nominal wind pressure p_N	1 [40; 70[	1 [40; 70[	Clause 4.4
Nominal wind pressure p_N	2 [70; 110[	2 [70; 110[	Clause 4.4
Nominal wind pressure p_N	3 [110; 170[	3 [110; ∞ [Clause 4.4
Nominal wind pressure p_N	4 [170; 270[-	-
Nominal wind pressure p_N	5 [270; 400[-	-
Nominal wind pressure p_N	6 [400; ∞ [-	-
Safety wind pressure p_S	0] ∞ ; 48[	0] ∞ ; 48[	Clause 4.4
Safety wind pressure p_S	1 [48; 84[	1 [48; 84[	Clause 4.4
Safety wind pressure p_S	2 [84; 132[	2 [84; 132[	Clause 4.4
Safety wind pressure p_S	3 [132; 204[	3 [132; ∞ [Clause 4.4
Safety wind pressure p_S	4 [204; 234[-	-
Safety wind pressure p_S	5 [234; 480[-	-
Safety wind pressure p_S	6 [480; ∞ [-	-

Essential Characteristic 01

Justification

This addition intends to cover new systems of products developed in the last years that are bringing a higher wind resistance. However, out of these specific light systems, the use of such classes may lead to safety problems. Indeed, some heavy products may mechanically withstand classes above 3. However, their fixing to the building would be impossible as no anchoring systems would be able to support the pressure applied. If such anchoring systems would be available, the resistance of the supporting wall could be compromised.

In order to avoid any accidents and disputes during the installation of such products, prEN 13561/rev1 specifies that the classification applies to all external blinds. However, the maximum class allowed for folding arm awnings is class 2. Classes from 4 to 6 are only allowed for external blinds with fabric running in lateral guide rails and Pergola awnings.

The standard is also adding a note explaining the reason for such restriction: "This maximum class for folding arm awnings has been defined to take into account the resistance of the fixing system and the dynamic effect of the wind".

