



# Product families to be used for prioritising the CPR Technical Acquis management

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# CPR Acquis: background

The main goal of the management of the CPR Acquis is to ensure the compliance of the system made of harmonised standards, European assessment documents and legal acts of the European Commission with the revised or current CPR.

Considering that not all acts belonging to the Acquis can be revised at the same time, **we must identify criteria to prioritise and assess product families** before revising the technical specifications.

This work stream is necessary regardless of whether the CPR will be revised or not.

# Survey on product families: background

After having identified **8 criteria** for the selection of product families to be targeted by future technical specification, the work on the CPR Acquis has proceeded with the following steps:

- A first survey to value comparatively the 8 criteria;
- A second survey to value the importance of product families within the 8 criteria;
- Finally, the results of the two surveys are combined in order to identify product families to target as a priority by future technical specifications.

# Survey on product families: main rules

- Members were asked about their **subjective perception**. However, some data were offered for consultation by the Commission;
- For each criterion, product families could be rated with a score of **maximum 8 points each**, adding up to **maximum 50 points in total**.
- For each criterion members might attribute less than 50 points in total if they wished.
- Members might also rate product families only for certain criteria.
- The survey remained opened for **6 weeks**, and on the 25<sup>th</sup> of May the Commission offered a session of Q&A to support members in compiling the survey.

# Survey on product families

- 16 members completed the survey.
  - *Bulgaria*
  - *Czech Rep.*
  - *Finland*
  - *Germany*
  - *Ireland*
  - *Italy*
  - *Latvia*
  - *Lithuania*
  - *Malta*
  - *Netherlands*
  - *Poland*
  - *Portugal*
  - *Slovak Rep.*
  - *Spain*
  - *Sweden*
  - *Switzerland*

## Survey on product families

- 16 members completed the survey.
  - 10 out of 16 had completed the survey on criteria which was compiled also by other 6 members\*.
- 
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  - *Spain*
  - *Sweden*
  - *Switzerland*

\*Estonia, Turkey, Croatia, Slovenia, Greece, Denmark

# Survey on product families

5 members complemented their reply with general comments:

- **Finland:** *"...the criteria and the associated evaluation bases appear to be unsuitable or only partially suitable for prioritizing the need for revision of the mandates, ... There is not the same need for revision for all standards within a product family."*
- **Germany:** suggests that we should consider the following product family in CPR Acquis works - *"Products for protection against metal corrosion and biological corrosion"*.
- **Poland:** highlights that product families 29 and 35 (Annex 4 to the CPR) are missing in the survey.
- **Slovak Republic:** provides detail on the internal consultation.
- **Malta:** *"...we would like to propose the aggregation of product groups according to application rather than product type when developing hTS. Therefore, merging and amending existing standards as necessary to reflect this. We believe that such an aggregation would allow the reach of hTS to be widened so that it would include all possible construction products currently on the market as well as future products."*

## Survey on product families

- Members have made a large use of the **criterion's comment box** to complement their rating with additional information.
- Few members didn't rate at all product families under certain criteria because **not enough national data were available**, in particular for:
  - c) Inherent safety issues: 2 members
  - e) Size of the EU market in volume: 6 members
  - f) Cross-border trade: 4 members
  - g) Potential cross-border trade: 8 members

However, under the single criterion, **no remarkable inconsistencies are observed in comparison with the data offered by the Commission** (except for M/103 under criterion e) and globally the rating of members is quite homogeneous.



# Survey on product families

Rank	Product families	Points attributed	Share
1	M100 Precast concrete products	355	6.88%
2	M120 Structural metallic products	330	6.40%
3	M115 Reinforcing steel	308	5.97%
4	M101 Doors, windows	302	5.85%
5	M114 Cement	283	5.49%
6	M103 Thermal insulating products	255	4.94%
7	M112 Structural timber products and	235	4.56%
8	M128 Concrete, mortar & grout	228	4.42%
9	M116 Masonry	213	4.13%
10	M125 Aggregates	188	3.64%
11	M119 Floorings	176	3.41%
12	M124 Road construction products	157	3.04%
13	M109 Fixed fire fighting equipment	154	2.99%
14	M113 Wood based panels	140	2.71%
15	M489 ETICS	129	2.50%
16	M108 Curtain walling	126	2.44%
17	M104 Structural bearings	121	2.35%
18	Kits and assembled products of the families	119	2.31%
19	M121 Wall and ceiling finishes	112	2.17%
20	M129 Space heating appliances	111	2.15%
21	M122 Roof coverings	110	2.13%
22	M106 Gypsum	101	1.96%
23	M127 Adhesive	100	1.94%
24	M135 Glass	90	1.74%
25	M118 Waste water disposal	87	1.69%
26	M102 Membranes	87	1.69%
27	M111 Circulation fixtures	84	1.63%
28	Anchors and fasteners	80	1.55%
29	M110 Sanitary appliances	79	1.53%
30	M131 Pipes, tanks not in contact with DW	75	1.45%
31	M107 Geotextiles	73	1.42%
32	M443 power, control and communication	72	1.40%
33	M105 Chimney	51	0.99%
34	M474 Sealants for non-structural use in	28	0.54%
	TOT points	5159	

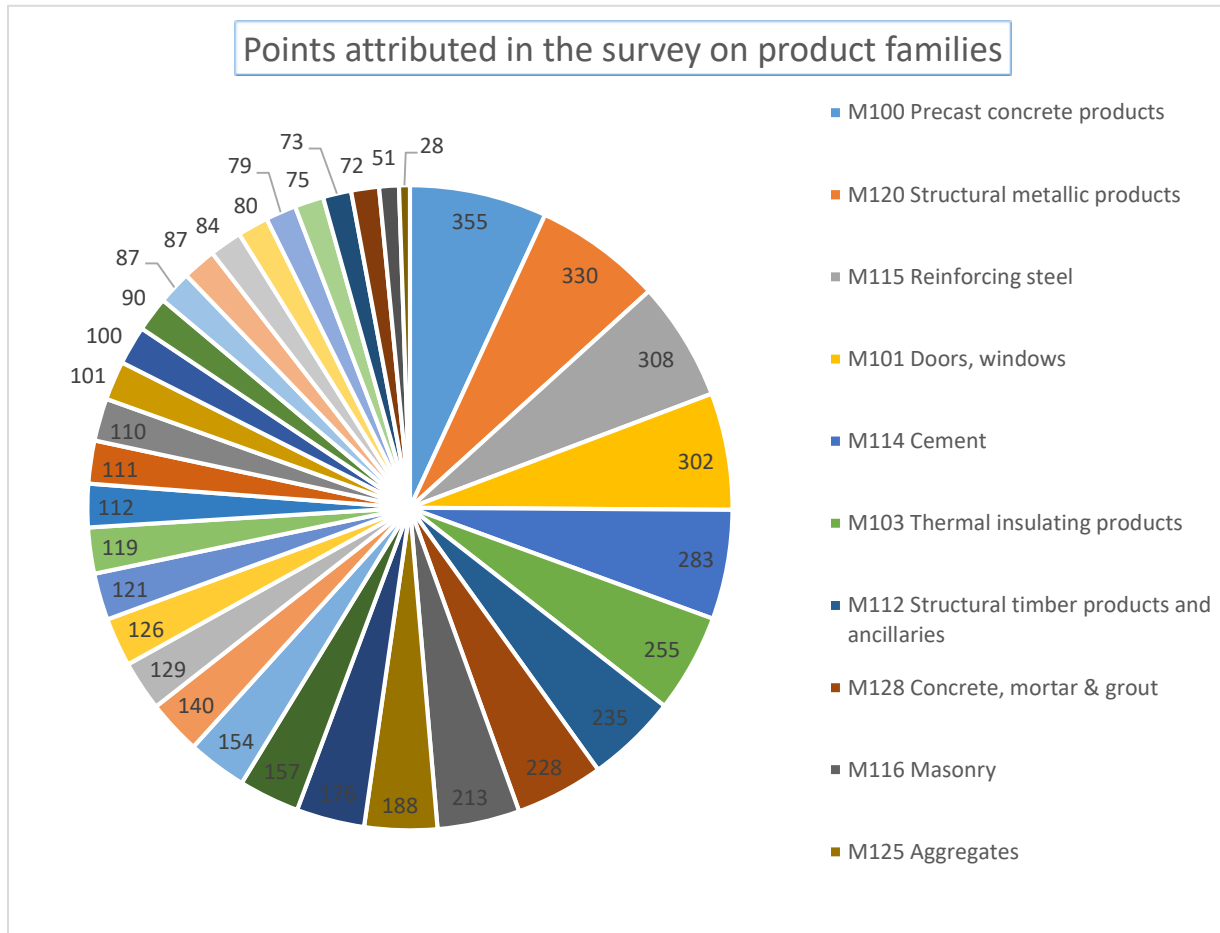
- M100, M120, M115, M101 and M114 alone collect almost one third of the total points.

- The first 10 product families got more than the 50% of the total points, the average is of 270 points.

- The last 10 product families got less than the 15% of the total points, the average is of 72 points.

- The average points got by the 14 product families in the middle is 124.

# Survey on product families



# Combining the surveys

# Combining the surveys

## Survey on criteria: results




"Member" State represented	a) Member States' regulatory needs**;	b) Safety issues related to the basic requirements for construction works (III.1 of the non-paper***);	c) Inherent safety issues of the construction products**;	d) Environmental issues, including energy and sustainability (III.2 of the non-paper***);	e) Size of the EU market in volume (Table 2 of the non-paper***);	f) Cross-border trade (Table 3 of the non-paper***);	g) Potential cross-border trade**;	h) Incompleteness or inexistence of harmonised standards**;	TOT points used
Estonia	2	6	5	3	3	3	5	5	32
Spain	8	8	8	0	0	4	0	4	32
Turkey	3	6	6	3	3	2	2	6	31*
Croatia	8	8	2	3	0	1	2	8	32
Italy	6	8	1	4	5	2	1	5	32
Slovenia	6	6	1	5	4	6	2	2	32
Greece	4	8	6	5	4	3	1	1	32
Portugal	7	7	5	5	1	3	1	3	32
Malta	8	6	8	3	1	1	1	4	32
Germany	8	2	2	2	2	2	2	8	28
Bulgaria	7	6	0	6	1	3	2	7	32
Switzerland	5	4	4	4	3	2	2	5	29
Finland	7	2	6	6	0	3	3	5	32
Latvia	0	0	8	4	0	4	8	8	32
Denmark	7	6	5	6	2	4	1	1	32
Ireland	8	5	4	6	3	4	2	0	32
TOT	94	88	71	65	32	47	35	72	

- high relevance
- medium relevance
- low relevance

# Combining the surveys

## Survey on criteria: results

critterion	points attributed	weight of the criterion
a) Member States' regulatory needs	94.2	18.7%
b) Safety issues related to the basic requirements for construction works	88.4	17.5%
c) Inherent safety issues of the construction products	71.4	14.1%
d) Environmental issues, including energy and sustainability	65.2	12.9%
e) Size of the EU market in volume	32.2	6.4%
f) Cross-border trade	46.6	9.2%
g) Potential cross-border trade	34.6	6.9%
h) Incompleteness or inexistence of harmonised standards	72.4	14.3%
<b>TOT</b>	<b>505</b>	<b>100.0%</b>

-  high relevance
-  medium relevance
-  low relevance

# Combining the surveys

Criteria as rated in the survey on criteria			Product families as rated with the survey on criteria									
criteria	points assigned in the survey on criteria	weight of the criterion	M100 Precast concrete products		M101 Doors, windows		M102 Membranes		M103 Thermal insulating		M104 Structural bearings	
			points assigned	weighted points	points attribute	weighted points	points attribute	weighted points	points attribute	weighted points	points assigned	weighted points
a) Member States' regulatory needs	94.2	18.7%	53	9.89	60	11.19	13	2.42	42	7.83	9	1.68
b) Safety issues related to the basic	88.4	17.5%	65	11.38	38	6.65	11	1.93	26	4.55	32	5.60
c) Inherent safety issues of the cons	71.4	14.1%	48	6.79	29	4.10	13	1.84	22	3.11	28	3.96
d) Environmental issues, including e	65.2	12.9%	52	6.71	37	4.78	9	1.16	47	6.07	7	0.90
e) Size of the EU market in volume	32.2	6.4%	42	2.68	28	1.79	7	0.45	37	2.36	16	1.02
f) Cross-border trade	46.6	9.2%	33	3.05	39	3.60	11	1.02	31	2.86	10	0.92
g) Potential cross-border trade	34.6	6.9%	28	1.92	25	1.71	9	0.62	27	1.85	11	0.75
h) Incompleteness or inexistence of	72.4	14.3%	34	4.87	46	6.59	14	2.01	23	3.30	8	1.15
<b>TOT</b>	<b>505</b>	<b>100.0%</b>	<b>355</b>	<b>47.28</b>	<b>302</b>	<b>40.41</b>	<b>87</b>	<b>11.44</b>	<b>255</b>	<b>31.93</b>	<b>121</b>	<b>15.99</b>

- high relevance
- medium relevance
- low relevance

# **Product families and priorities as given by the combination of the two surveys**

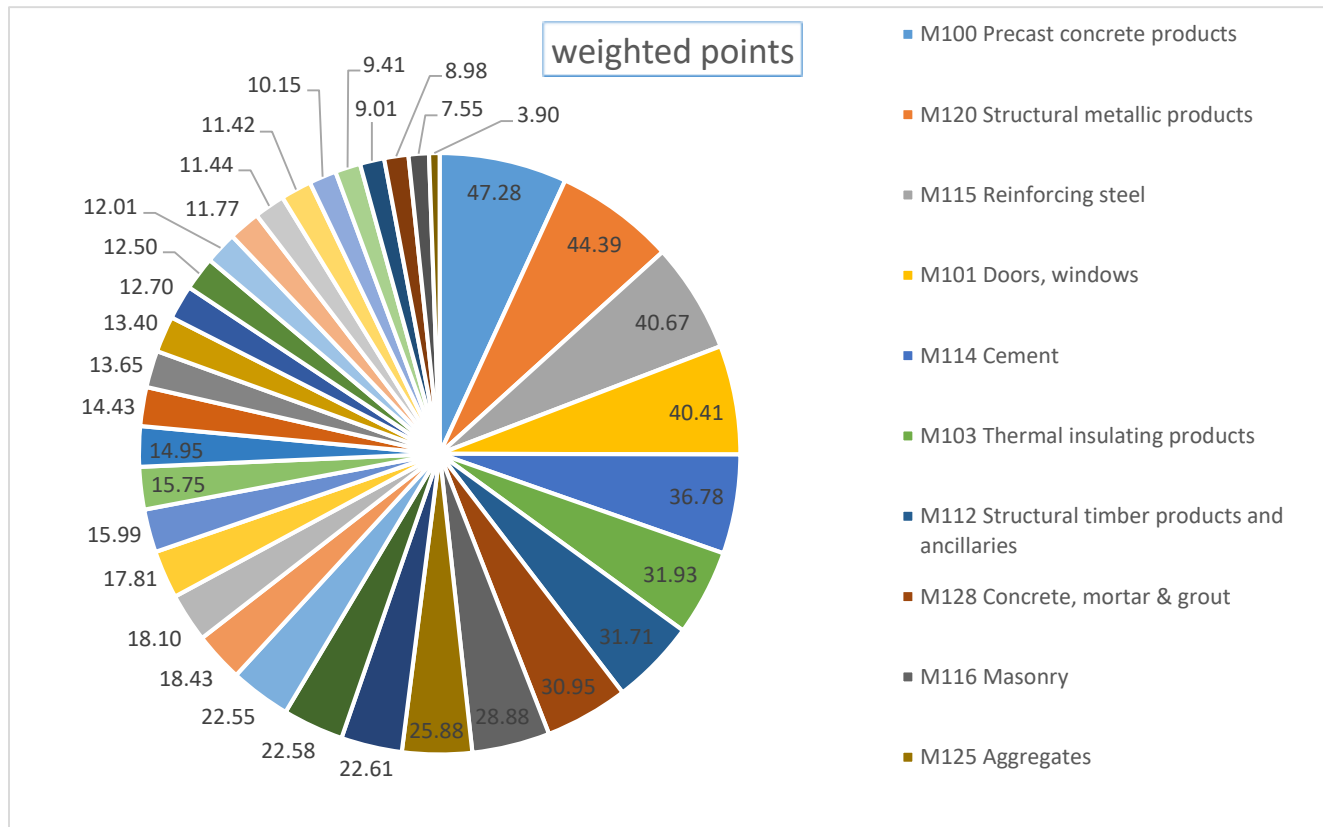
# Product families and priorities

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14	M489 ETICS	18.43	2.67%
15	M108 Curtain walling	18.10	2.62%
16	M113 Wood based panels	17.81	2.58%
17	M104 Structural bearings	15.99	2.32%
18	Kits and assembled products	15.75	2.28%
19	M121 Wall and ceiling finishes	14.95	2.17%
20	M129 Space heating	14.43	2.09%
21	M122 Roof coverings	13.65	1.98%
22	M111 Circulation fixtures	13.40	1.94%
23	M118 Waste water disposal	12.70	1.84%
24	M127 Adhesive	12.50	1.81%
25	M106 Gypsum	12.01	1.74%
26	Anchors and fasteners	11.77	1.71%
27	M102 Membranes	11.44	1.66%
28	M135 Glass	11.42	1.65%
29	M107 Geotextiles	10.15	1.47%
30	M110 Sanitary appliances	9.41	1.36%
31	M131 Pipes, tanks not in	9.01	1.31%
32	M443 power, control and	8.98	1.30%
33	M105 Chimney	7.55	1.09%
34	M474 Sealants for non-	3.90	0.57%
	<b>TOT points</b>	<b>689.97</b>	

- M100, M120, M115, M101 and M114 alone collect 30% of the total points.
- The first 10 product families got more than the 50% of the total points, the average is of 36 weighted points.
- The last 10 product families got the 14% of the total points, the average is 10 weighted points.
- The average points got by the 14 product families in the middle is 17.



# Product families and priorities



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- Up
- Slightly up
- Slightly down
- Down

# Product families and priorities

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- The first 10 product families represent a solid set of priorities.
- The weighted points have slightly softened the gaps between product families, but no significant change is introduced in comparison with the final rank resulting only from the survey on product families.
- Only two product families registered a significant change of about 5 positions: "M111 Circulation fixture" up whereas "M135 glass" down.

# Product families and priorities

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- For M101, M103 and in particular for M115 the work on preparing standardization requests is advanced.

- The “map of hTSs” suggests that M101 and in particular M103 present important issues. In addition the 10 top families are still CPD based.

- If we focus only the first 10 product families, it is evident that 5 of them are strictly connected.

- In addition, if we consider the top priority, the family “precast concrete” it is difficult to conceive that the work on this product family could start without reviewing the “Acquis” on concrete, aggregates, cement and steel.

- We can't exclude that also other product families down in the list could be relevant for the top priorities.

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Any observation is welcome!

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