

Draft amendment to the Concrete Technology Regulation 2016

The following additions to paragraphs A2.1, B1.2.2, B1.2.3, B2.2.5.1, B7.7.6 are made in the text of the Concrete Technology Regulation (Government Gazette, 1561B'2-6-2016) as follows:

1. In paragraph A2.1 REGULATORY REFERENCES, what is added is
“ELOT EN 197-5 Cement - Part 5: Portland CEM II/C-M composite cement and CEM VI composite cement”
2. Paragraph B1.2.2 is amended as follows:
B1.2.2 In addition, the use of Portland-Composite CEM II/C-M cement which meets the requirements of ELOT EN 197-5 standard and for which a certificate of conformity has been issued by a certification body, specifically accredited, as well as notified for ELOT EN 197-1 standard, may be used for the conformity assessment procedure according to ELOT EN 197-5 and ELOT EN 197-2 standards. This certificate and the material data sheet will be provided.
3. A new paragraph B1.2.3 is added
B1.2.3 Where this Regulation refers to “cement type”, it means the “cement products” in Table 1 and Table 2 of ELOT EN 197-1 and the “cement product” Portland-Composite cement CEM II/C-M of Table 1 of ELOT EN 197-5.
4. Paragraph B2.2.5.1 is structured as follows:
B2.2.5.1 Concrete is classified according to the environment in which it is located and this classification is shown in Table ПБ2-1 of Annex ПБ2. In Table B2-7 limit values for elements of concrete composition for each exposure category are provided.
The limit values relate to cement (type and strength class) which complies with ELOT EN 197-1 and ELOT EN 197-5 (type CEM II/C-M) and aggregates with a maximum grain of 31.5 mm. For aggregates with a maximum grain of 63 mm, the minimum amount of cement shall be reduced by 20 kg, for a maximum grain of 16 mm it shall be increased by 20 kg and for a maximum grain of 8 mm it shall be increased by 40 kg.
5. Paragraph B7.7.6 is structured as follows:
B7.7.6 When the presence of sulphates (SO_4^{2-}) leads to categories XA2 and XA3, then it is necessary to use sulphate-resistant cement according to ELOT EN 197-1 standard. If the inclusion in categories XA2 and XA3 is due to the other factors mentioned in Table ПБ2-2 of Annex ПБ2, then the use of the other cement types of ELOT EN 197-1 standard, except CEM II/B-L and CEM II/B-LL types, as well as the use of cement type CEM II/C-M of ELOT EN 197-5 standard, is permitted.