

**The Appendix is an integral part of
Certificate of Accreditation No. 538/2017 of 13/09/2017**

Accredited entity according to ČSN EN ISO/IEC 17025:2005:

ZAPA beton a.s.
ZAPA beton - Testing Laboratory
Videňská 495, 142 00 Praha 4

The Laboratory is qualified to update standards identifying the test procedures.

Tests:

Ordinal number ¹⁾	Test procedure/ method name	Test procedure/ method identification	Tested object
1*	Determination of consistency - slump test	ČSN EN 12350-2, p. 3 to 8	Fresh concrete
2*	Determination of consistency – flow table test	ČSN EN 12350-5, p. 3 to 8	Fresh concrete
3*	Determination of air content – pressure method	ČSN EN 12350-7, p. 3.3, 5 to 7, Annex D	Fresh concrete
4	Determination of fresh concrete density	ČSN EN 12350-6, p. 3 to 8	Fresh concrete
5	Determination of density of regular shape samples	ČSN EN 12390-7, p. 3 to 5.4, 5.5.5 to 7	Hardened concrete
6	Determination of compressive strength of test specimens	ČSN EN 12390-3, p. 3 to 8	Hardened concrete
7	Determination of depth of penetration of water under pressure	ČSN EN 12390-8, p. 2 to 7	Hardened concrete
8	Determination of concrete water tightness	IZP No. 1 (ČSN 73 1321:1988)	Hardened concrete
9	Determination of concrete resistance to water and chemical de-icing agents	ČSN 73 1326 + AMENDMENT Z1 Method A, p.13 to 23 Method C, p. 30 to 44	Hardened concrete

¹⁾ Asterisk at the ordinal number identifies the tests, which the Laboratory is qualified to carry out outside the permanent laboratory premises.

Explanations:

IZP - Internal Testing Procedure

Sampling:

Ordinal number	Sampling procedure name	Sampling procedure identification	Sampled object
1	Fresh concrete sampling	ČSN EN 12350-1	Fresh concrete