

**The Appendix is an integral part of
Certificate of Accreditation No: 491/2023 of 18/09/2023**

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

BETOSAN s.r.o.
CAB number 1687, LABBET®
Nová cesta 291/40, 140 00 Praha 4

Testing laboratory locations:

1. **LABBET® Technical Office** (does not perform testing) Nová cesta 291/40, 140 00 Praha 4 - Krč
2. **LABBET® Praha** Kyslíková 1984/4, 143 00 Praha 4 - Komořany
3. **LABBET® Batelov** Jihlavská 560, 588 51 Batelov

The laboratory provides opinions and interprets test results.

Tests:

| Ordinal number ¹ | Test procedure / method name | Test procedure / method identification ² | Subject of the test | Degrees of freedom ³ |
|-----------------------------|---|---|--|---------------------------------|
| 1 ^{2,3} | Determination of compressive strength | ČSN EN 12190 | Mortars for the protection and repair of concrete structures | - |
| 2 ^{2,3} | Determination of flexural strength and compressive strength | ČSN EN 13892-2 | Screed materials | - |
| 3 ^{2,3} | Determination of flexural strength and compressive strength | ČSN EN 1015-11 | Mortars for masonry and plastering | - |
| 4 ^{2,3} | Determination of flexural strength and compressive strength | ČSN EN 13888-2 cl. 9.1 | Mortars for bonding and jointing | - |
| 5 ^{2,3} | Determination of flexural strength and compressive strength | ČSN EN 196-1, cl. 9.1 and 9.2 | Binders, grouts | - |
| 6 ² | Determination of compressive strength | ČSN EN 12390-3 | Hardened concrete | - |
| 7 ^{2,3} | Determination of flexural strength | ČSN EN 196-1, cl. 9.2 | Mortars for the protection and repair of concrete structures | - |
| 8 ² | Determination of flexural strength | ČSN EN 12390-5 | Hardened concrete | - |
| 9 ^{2,3} | Determination of adhesion | ČSN EN 1542 | Mortars for the protection and repair of concrete structures | - |
| 10 ^{*2,3} | Determination of adhesion | ČSN EN 13892-8 | Screed materials | - |
| 11 ^{*2,3} | Determination of adhesion | ČSN EN 1015-12 | Hardened mortars | - |
| 12 ^{*2} | Determination of adhesion | ČSN 73 6242, Annex B | Surface treatments, insulation layers, concrete structures | - |

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| Ordinal number ¹ | Test procedure / method name | Test procedure / method identification ² | Subject of the test | Degrees of freedom ³ |
|-----------------------------|---|---|---|---------------------------------|
| 13* ² | Determination of adhesion | ČSN EN ISO 4624 | Paints and varnishes | - |
| 14 ^{2,3} | Determination of bulk density | ČSN EN 12190 | Mortars for the protection and repair of concrete structures | - |
| 15 ^{2,3} | Determination of bulk density | ČSN EN 1015-10 | Hardened mortars | - |
| 16* ^{2,3} | Determination of bulk density | ČSN EN 1015-6 | Fresh mortar | - |
| 17* ² | Determination of bulk density | ČSN EN 12350-6 | Fresh concrete | - |
| 18 ² | Determination of bulk density | ČSN EN 12390-7 | Hardened concrete | - |
| 19* ^{2,3} | Determination of air content | ČSN EN 1015-7 | Fresh mortar | - |
| 20* ² | Determination of air content | ČSN EN 12350-7 | Fresh concrete | - |
| 21 ^{2,3} | Determination of consistence | ČSN EN 1015-3 | Fresh mortar | - |
| 22 ^{2,3} | Determination of consistence | ČSN EN 13395-1 | Mortars for the protection and repair of concrete structures | - |
| 23* ² | Determination of consistence | ČSN EN 12350-2 | Fresh concrete | - |
| 24* ² | Determination of strength by non-destructive tests | ČSN 73 1373 | Hardened concrete and concrete structures | - |
| 25* ² | Determination of strength by non-destructive tests | ČSN EN 12504-2 | Hardened concrete and concrete structures | - |
| 26 ² | Determination of resistance to water and chemical de-icing agents | ČSN 73 1326, Method A, Method C | Hardened concrete, mortars for the protection and repair of concrete structures | - |
| 27* ² | Determination of the resistance of cross-cut test | ČSN EN ISO 2409 | Paints and varnishes | - |
| 28* ² | Determination of thickness | ČSN EN ISO 2808, cl. 5.2.4, 5.4.5 | Paints and varnishes | - |
| 29 ² | Determination of watertightness | ČSN EN 12390-8 | Hardened concrete | - |
| 30 ² | Determination of sealing efficiency | MP-L1/2015 (ČSN EN 12390-8) | Concrete and mortar additives | - |
| 31* ² | Determination of carbonation depth | ČSN EN 14630 | Hardened concrete and concrete structures | - |
| 32* ² | Determination of the position and depth of reinforcement | MP-L3/2015 (ČSN 73 2011, Annex A) | Hardened concrete and concrete structures | - |

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| Ordinal number ¹ | Test procedure / method name | Test procedure / method identification ² | Subject of the test | Degrees of freedom ³ |
|-----------------------------|---|---|---|---------------------------------|
| 33* ² | Water tightness test | ČSN 75 0905 | Tanks, construction works | - |
| 34 ^{2,3} | Determination of water content by drying | ČSN EN ISO 12570 | Building materials and products | - |
| 35 ^{2,3} | Determination of resistance to capillary absorption | ČSN EN 13057 | Mortars for the protection and repair of concrete structures, hardened concrete | - |
| 36 ^{2,3} | Determination of capillary water absorption coefficient | ČSN EN 1015-18 | Hardened mortars | - |
| 37 ² | Determination of crack closing activity | MP-L2/2015 | Concrete and mortar additives | - |
| 38 ³ | Determination of grain size | ČSN EN 12192-1 | Mortars for the protection and repair of concrete structures | - |
| 39 ³ | Determination of grain size | ČSN EN 1015-1 | Granular materials | - |
| 40 ² | Bend test | ČSN EN 12814-1, cl. 11.2 | Welded joints of plastics | - |
| 41 ² | Peel test by compression | ČSN EN 12814-4, cl. 7 | Welded joints of plastics | - |
| 42 ² | Determination of the indirect tensile strength | ČSN EN 12390-6 | Hardened concrete | - |
| 43 ² | Determination of resistance to frost | ČSN 73 1322 | Hardened concrete | - |
| 44 ² | Determination of resistance to frost | ČSN 72 2452 | Hardened mortars | - |

¹ asterisk at the ordinal number identifies the tests, which the laboratory is qualified to carry out outside the permanent laboratory premises; the numerical index at the test ordinal number identifies the location carrying out the test (the identification of the locations is given on the first page of this document)

² if the document identifying the test procedure is dated, only these specific procedures are used. If the document identifying the test procedure is not dated, the latest edition of the specified procedure is used (including any changes)

³ the laboratory does not apply a flexible approach to the scope of accreditation

Explanatory notes:

MP – Guideline