



## List of activities within the flexible scope of accreditation

**Accredited Body:** Institut pro testování a certifikaci, a.s.

**CAB Name:** Construction Testing Laboratory Zlín

**CAB Number:** 1007.1

**Certificate of Accreditation No.:** 294/2024

**Field of Accreditation:** Testing laboratory – ČSN EN ISO/IEC 17025:2018

**Updated:** 17. 6. 2024

### Testing laboratory locations:

1. **Construction Testing Laboratory** K Cihelně 304, Louky, 763 02 Zlín
2. **Construction Testing Laboratory** třída Tomáše Bati 5264, 760 01 Zlín

### Tests:

| Ordinal number <sup>1</sup> | Test procedure / method name  | Test procedure / method identification <sup>2</sup> | Tested subject  | Degrees of freedom <sup>3</sup> |
|-----------------------------|---|---|---|---------------------------------|
| <b>1</b>                    | <b>Thermal engineering tests</b>  |   |   |                                 |
| 1.1 <sup>1</sup>            | Determination of thermal resistance, thermal transmittance factor, thermal conductivity coefficient by means of guarded hot plate | ISO 8302  | Building materials, building products, building structures            | A, D                            |
| 1.2 <sup>1</sup>            | Determination of thermal resistance, thermal transmittance factor, thermal conductivity coefficient by means of guarded hot plate | ČSN EN 12664;<br>ČSN EN 1946-2                      | Dry and wet products with medium and low thermal resistance           | A, D                            |
| 1.3 <sup>1</sup>            | Determination of thermal resistance, thermal transmittance factor, thermal conductivity coefficient by means of guarded hot plate | ČSN EN 12667;<br>ČSN EN 1946-2                      | Products with high and medium thermal resistance                      | A, D                            |
| 1.4 <sup>1</sup>            | Determination of thermal resistance, thermal transmittance factor, thermal conductivity coefficient by means of guarded hot plate | ČSN EN 12939  | Products with a large thickness of high and medium thermal resistance | A, D                            |

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|-----------------------------|--|---|--|---------------------------------|
| 1.5 <sup>1</sup>            | Determination of thermal transmittance<br>- Calculation method<br>- Testing method   | ČSN EN 673;<br>ISO 10291;<br>ČSN EN 674                                   | Glass in construction                  | A, D                            |
| 1.6 <sup>1</sup>            | Determination of thermal resistance, thermal conductivity and thermal transmittance using a mobile plate device in a vertical position | SZ-23-01<br>(ISO 8302; EN 674;<br>ČSN EN 12664; ČSN EN 12667)             | Building products and insulating glass | A, D                            |
| 1.7 <sup>1</sup>            | Measurement of surface temperatures in the place of thermal bridges  | ČSN 73 0546   | Building structures, doors and windows | A, D                            |
| 1.8 <sup>1</sup>            | Reference method for measuring dew point temperature   | ČSN EN 1279-6, annex K  | Insulating glass                       | D                               |
| 1.9 <sup>1</sup>            | Determination of dimensions  | ČSN EN 1279-1, cl. 6.3  | Insulating glass                       | D                               |
| 1.10 <sup>1</sup>           | Determination of moisture penetration index by long-term test method   | ČSN EN 1279-2   | Insulating glass                       | D                               |
| 1.11 <sup>1</sup>           | Determination of gas concentration with a gas analyzer   | SZ-23-02<br>(HELOX 4 KVSN - F analyzer manual)                            | Insulating glass                       | D                               |
| 1.12 <sup>1</sup>           | Climatic tests (temperature, humidity)   | ČSN EN 1279-3,<br>cl. 6.1, 6.2.1;<br>ČSN EN 1279-2, cl. 6.3               | Insulating glass                       | D                               |
| 1.13 <sup>1</sup>           | Determination of moisture penetration index and gas concentration  | ČSN EN 1279-6, cl. B.4;<br>SZ-23-02<br>(HELOX 4 KVSN – F analyzer manual) | Insulating glass                       | D                               |
| 1.14 <sup>1</sup>           | Determination of thermal transmittance by box method   | ČSN EN ISO 12567-1  | Windows, doors and shutters            | A, D                            |
| 1.15 <sup>1</sup>           | Determination of thermal transmittance by box method   | ČSN EN 12412-2  | Frames of windows, doors and shutters  | A, D                            |

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| 1.16 <sup>1</sup>           | Determination of thermal transmittance by box method                        | ČSN EN 12412-4  | Roller shutter boxes                                      | A, D                            |
| 1.17 <sup>1</sup>           | Determination of thermal resistance and thermal transmittance by box method | ČSN EN ISO 8990   | Building products, building structures, doors and windows | A, D                            |
| 1.18 <sup>1</sup>           | Determination of thermal transmittance by box method                        | ČSN EN ISO 12567-2  | Roof windows, roof lights and other projecting windows    | A, D                            |
| 1.19 <sup>1</sup>           | Determination of thermal resistance and thermal transmittance by box method | ČSN EN 1946-4   | Building products, building structures, doors and windows | A, D                            |
| <b>2</b>                    | <b>Acoustics tests</b>  |   |   |                                 |
| 2.1* <sup>1</sup>           | Measurement of airborne sound insulation                                    | ČSN EN ISO 10140-1;<br>ČSN EN ISO 10140-2;<br>ČSN EN ISO 10140-4;<br>ČSN EN ISO 717-1;<br>ASTM E413;<br>ASTM E1332;<br>ČSN EN ISO 16283-1 | Building structures, doors and windows                    | D                               |
| 2.2* <sup>1</sup>           | Measurement of airborne sound insulation                                    | ČSN EN ISO 16283-3;<br>ČSN EN ISO 717-1   | Perimeter building structures and their parts             | D                               |
| 2.3 <sup>1</sup>            | Measurement of airborne sound insulation                                    | ČSN EN 1793-2;<br>ČSN EN 16272-2;<br>ČSN EN 16272-3-1, cl. 6  | Anti-noise panels and walls                               | D                               |
| 2.4* <sup>1</sup>           | Determination of sound insulation performance                               | ČSN EN ISO 11957,<br>except cl. 6   | Anti-noise cabins   | A, D                            |
| 2.5* <sup>1</sup>           | Determination of sound insulation performance                               | ČSN EN ISO 11546-1,<br>except cl. 7.3;<br>ČSN EN ISO 11546-2  | Anti-noise enclosures                                     | A, D                            |
| 2.6* <sup>1</sup>           | Measurement of impact sound insulation                                      | ČSN EN ISO 10140-1;<br>ČSN EN ISO 10140-3;<br>ČSN EN ISO 10140-4;<br>ČSN EN ISO 16283-2;<br>ČSN EN ISO 717-2                              | Floor structures  | A, D                            |

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| 2.7 <sup>1</sup>            | Measurement of improvement of impact sound insulation of floors | ČSN EN ISO 10140-1, annex H;<br>ČSN EN ISO 10140-3;<br>ČSN EN ISO 10140-4;<br>ČSN EN ISO 717-2                        | Floors, floor coverings                  | A, D                            |
| 2.8* <sup>1</sup>           | Measurement of reverberation time                               | ČSN EN ISO 3382-2   | Enclosed spaces and rooms                | A, D                            |
| 2.9 <sup>1</sup>            | Measurement of sound absorption                                 | ČSN EN ISO 354;<br>ČSN EN ISO 11654   | Sound absorbing materials and structures | A, D                            |
| 2.10 <sup>1</sup>           | Measurement of sound absorption                                 | ČSN EN 1793-1;<br>ČSN EN 16272-1;<br>ČSN EN 16272-3-1, cl. 5  | Anti-noise panels and walls              | A, D                            |
| 2.11 <sup>1</sup>           | Determination of dynamic stiffness                              | ČSN ISO 9052-1  | Insulating materials and pads            | A, D                            |
| <b>3</b>                    | <b>Tests of doors and windows</b>                               |   |  |                                 |
| 3.1* <sup>1</sup>           | Determination of distances and geometrical properties           | ČSN EN 951;<br>ČSN EN 952   | Doors and windows                        | A, D                            |
| 3.2 <sup>1</sup>            | Determination of resistance to vertical load                    | ČSN EN 947;<br>ČSN EN 14608   | Doors and windows                        | A, D                            |
| 3.3 <sup>1</sup>            | Determination of the resistance to static torsion               | ČSN EN 948;<br>ČSN EN 14609   | Doors and windows                        | A, D                            |
| 3.4* <sup>1</sup>           | Determination of resistance to impact load                      | ČSN EN 949;<br>ČSN EN 950;<br>ČSN EN 13049;<br>ČSN EN 1873+A1,<br>cl. 6.5.2;<br>ČSN EN 14963, cl. 6.4.2.1,<br>6.4.2.2 | Doors and windows                        | A, D                            |
| 3.5* <sup>1</sup>           | Determination of resistance to impact load                      | ČSN 73 2035;<br>ČSN EN 14019  | Building structures                      | A, D                            |
| 3.6 <sup>1</sup>            | Repeated opening and closing test                               | ČSN EN 1191;<br>DIN 18055:1981, cl. 3.4.3   | Doors and windows                        | A, D                            |
| 3.7 <sup>1</sup>            | Determination of resistance to wind load                        | ČSN EN 12211;<br>ČSN EN 1873+A1,<br>cl. 6.5.1;<br>ČSN EN 14963, cl. 6.4.1   | Doors and windows                        | A, D                            |
| 3.8 <sup>1</sup>            | Determination of resistance to wind load                        | ČSN EN 12179  | Building structures,<br>Building parts   | A, D                            |

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| 3.9* <sup>1,2</sup>         | Determination of resistance to wind load   | ČSN EN 12444  | Doors and windows                       | A, D                            |
| 3.10* <sup>1,2</sup>        | Determination of resistance to wind load   | ČSN EN 1932 ed. 2   | Building structures, Building parts     | A, D                            |
| 3.11 <sup>1</sup>           | Air permeability test  | ČSN EN 1026;<br>ČSN EN 1873+A1, cl. 6.7;<br>ČSN EN 12427  | Doors and windows                       | A, D                            |
| 3.12 <sup>1</sup>           | Air permeability test  | ČSN EN 12153;<br>ČSN EN 12114   | Building structures, parts and elements | A, D                            |
| 3.13* <sup>1</sup>          | Water tightness test   | ČSN EN 1027;<br>ČSN EN 12155;<br>ČSN EN 1873+A1, cl. 6.4;<br>ČSN EN 14963, cl. 6.3;<br>ČSN EN 12489 | Doors and windows                       | A, D                            |
| 3.14* <sup>1</sup>          | Water tightness test   | ČSN EN 12865;<br>ČSN EN 13051   | Building structures                     | A, D                            |
| 3.15* <sup>1</sup>          | Force test   | ČSN EN 12046-2;<br>ČSN EN 12453+A1;<br>ČSN EN 12046-1;<br>ČSN EN 16005                              | Doors and windows                       | A, D                            |
| 3.16* <sup>1</sup>          | Measurement of operating force   | ČSN EN 12194;<br>ČSN EN 13527   | Shutters, blinds                        | A, D                            |
| 3.17* <sup>1</sup>          | Testing of mechanical properties of gates  | ČSN EN 12605:2001, cl. 5;<br>ČSN EN 12604+A1  | Gates                                   | A, D                            |
| <b>4</b>                    | <b>Statics tests</b>   |   |   |                                 |
| 4.1 <sup>1,2</sup>          | Determination of the resistance of noise barrier elements to wind load and snow removal operations | ČSN EN 1794-1, annex A, E   | Noise barriers                          | A, D                            |
| 4.2 <sup>1,2</sup>          | Test of stone impact resistance of noise barrier elements  | ČSN EN 1794-1, annex C  | Noise barriers                          | A, D                            |
| 4.3* <sup>1</sup>           | Test of safety of noise barriers – risk of falling debris  | ČSN EN 1794-2, annex A  | Noise barriers                          | A, D                            |
| 4.4 <sup>1,2</sup>          | Determination of dead weight of elements   | ČSN EN 1794-1, annex B, cl. B.2.1, B.2.3,   | Noise barriers                          | A, D                            |

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| 4.5 <sup>1,2</sup>          | Determination of the effects of dead weight   | SZ-23-03<br>(ČSN EN 1794-1, annex B, cl. B.3.1, B.3.2) | Noise barriers       | A, D                            |
| 4.6 <sup>*1,2</sup>         | Determination of mechanical resistance and stability – resistance to horizontal loads | ČSN 74 3305, annex B;<br>SZ-23-04<br>(ČSN 73 2030)     | Guard rails          | A, D                            |
| 4.7 <sup>*1</sup>           | Vertical load resistance test   | ČSN EN 12825, cl. 5                                    | Raised access floors | A, D                            |
| 4.8 <sup>*1</sup>           | Vertical load resistance test   | ČSN EN 13213, cl. 5                                    | Hollow floors        | A, D                            |
| 4.9 <sup>*1</sup>           | Vertical load resistance test   | ČSN CEN/TS 13810-2,<br>cl. 7, 8, 9.1                   | Floating floors      | A, D                            |
| 4.10 <sup>*1</sup>          | Load tests  | ČSN 73 2030  | Building structures  | A, D                            |
| 4.11 <sup>*1,2</sup>        | Load tests  | ČSN EN 380   | Wooden structures    | A, D                            |
| <b>5</b>                    | <b>Bitumen testing</b>  |  |                      |                                 |
| 5.1 <sup>2</sup>            | Determination of the softening point – Ring and Ball method                           | ČSN EN 1427  | Bitumen              | D                               |
| 5.2 <sup>2</sup>            | Determination of ductility  | ČSN 65 7061  | Bitumen              | D                               |
| 5.3 <sup>2</sup>            | Determination of needle penetration   | ČSN EN 1426  | Bitumen              | D                               |
| 5.4 <sup>2</sup>            | Determination of the Fraass breaking point  | ČSN EN 12593   | Bitumen              | D                               |
| 5.5 <sup>2</sup>            | Determination of solubility   | ČSN EN 12592   | Bitumen              | D                               |
| 5.6 <sup>2</sup>            | Determination of ash content  | ČSN EN ISO 6245  | Bitumen              | D                               |
| 5.7 <sup>2</sup>            | Determination of density  | ČSN EN ISO 3838  | Bitumen              | D                               |
| 5.8 <sup>2</sup>            | Determination of efflux time  | ČSN EN 12846-1;<br>ČSN EN 12846-2                      | Bitumen              | D                               |
| 5.9 <sup>2</sup>            | Determination of adhesion of bituminous products to aggregates                        | ČSN EN 13614   | Bitumen              | D                               |
| 5.10 <sup>2</sup>           | Determination of the elastic recovery, elastic restoration                            | ČSN EN 13398   | Bitumen              | D                               |

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| 5.11 <sup>2</sup>           | Determination of storage stability of modified bitumen  | ČSN EN 13399  | Bitumen                    | D                               |
| 5.12 <sup>2</sup>           | Determination of cone penetration   | ČSN EN 13880-2                                      | Joint sealants             | D                               |
| 5.13 <sup>2</sup>           | Determination of flow resistance  | ČSN EN 13880-5                                      | Joint sealants             | D                               |
| 5.14 <sup>2</sup>           | Determination of heat resistance  | ČSN EN 13880-4                                      | Joint sealants             | D                               |
| 5.15 <sup>2</sup>           | Determination of penetration and recovery (resilience)  | ČSN EN 13880-3                                      | Joint sealants             | D                               |
| 5.16 <sup>2</sup>           | Determination of breaking behaviour by mineral filler method  | ČSN EN 13075-1                                      | Bitumen emulsions          | D                               |
| 5.17 <sup>2</sup>           | Determination of residue on sieving and storage stability   | ČSN EN 1429   | Bitumen emulsions          | D                               |
| 5.18 <sup>2</sup>           | Determination of water content by azeotropic distillation method  | ČSN EN 1428   | Bitumen emulsions          | D                               |
| 5.19 <sup>2</sup>           | Determination of cohesion by pendulum   | ČSN EN 13588  | Bitumen emulsions          | D                               |
| 5.20 <sup>2</sup>           | Determination of adhesion and cohesion following continuous extension and compression   | ČSN EN 13880-10                                     | Hot applied joint sealants | D                               |
| 5.21 <sup>2</sup>           | Determination of adhesion and cohesion following discontinuous extension  | ČSN EN 13880-13                                     | Hot applied joint sealants | D                               |
| <b>6</b>                    | <b>Flexible sheets for waterproofing and thermal insulating products</b>  |   |                            |                                 |
| 6.1 <sup>2</sup>            | Determination of water-vapour transmission properties - Cup method  | ČSN 77 0332   | Waterproofing materials    | A, D                            |
| 6.2 <sup>2</sup>            | Determination of waterproof sheets chemical resistance against certain solutions—NaCl, Ca(OH) <sub>2</sub> , H <sub>2</sub> CO <sub>3</sub> | ČSN EN ISO 175                                      | Waterproofing materials    | A, D                            |
| 6.3 <sup>1,2</sup>          | Waterproofing determination   | ČSN EN 13111  | Underlays                  | A, D                            |

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|-----------------------------|--|---|-----------------------------------|---------------------------------|
| 6.4 <sup>2</sup>            | Static crack bridging  | ČSN 73 6242, annex C                                | Flexible sheets for waterproofing | A, D                            |
| 6.5 <sup>2</sup>            | Determination of crack bridging ability                      | ČSN EN 14224  | Flexible sheets for waterproofing | A, D                            |
| 6.6 <sup>2</sup>            | Determination of adhesion by shear test                      | ČSN EN 13653  | Flexible sheets for waterproofing | A, D                            |
| 6.7* <sup>2</sup>           | Determination of adhesion to substrates                      | ČSN EN 13596  | Flexible sheets for waterproofing | A, D                            |
| 6.8 <sup>2</sup>            | Determination of shear test cohesion after heat conditioning | ČSN EN 14691  | Flexible sheets for waterproofing | A, D                            |
| 6.9 <sup>2</sup>            | Determination of water absorption                            | ČSN EN 14223  | Flexible sheets for waterproofing | A, D                            |
| 6.10 <sup>2</sup>           | Determination of resistance to liquid chemicals              | ČSN EN 1847   | Plastic and rubber sheets         | A, D                            |
| 6.11 <sup>1,2</sup>         | Determination of stress-strain properties                    | ČSN EN 12311-2                                      | Plastic and rubber sheets         | A, D                            |
| 6.12 <sup>1,2</sup>         | Determination of dimensional changes                         | ČSN EN 1107-2                                       | Plastic and rubber sheets         | A, D                            |
| 6.13 <sup>1,2</sup>         | Determination of the area mass                               | ČSN EN 1849-2, cl. 6                                | Plastic and rubber sheets         | A, D                            |
| 6.14 <sup>2</sup>           | Determination of visible defects                             | ČSN EN 1850-2                                       | Plastic and rubber sheets         | A, D                            |
| 6.15 <sup>1,2</sup>         | Determination of dimensions                                  | ČSN EN 1848-2                                       | Plastic and rubber sheets         | A, D                            |
| 6.16 <sup>1,2</sup>         | Determination of thickness                                   | ČSN EN 1849-2, cl. 5                                | Plastic and rubber sheets         | A, D                            |
| 6.17 <sup>1,2</sup>         | Determination of resistance to tearing                       | ČSN EN 12310-2                                      | Plastic and rubber sheets         | A, D                            |
| 6.18 <sup>1,2</sup>         | Determination of flexibility at low temperatures             | ČSN EN 495-5  | Plastic and rubber sheets         | A, D                            |
| 6.19 <sup>1,2</sup>         | Determination of shear strength                              | ČSN EN 12317-2                                      | Plastic and rubber sheets         | A, D                            |
| 6.20 <sup>1,2</sup>         | Determination of peel resistance                             | ČSN EN 12316-2                                      | Plastic and rubber sheets         | A, D                            |



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| 6.21 <sup>1,2</sup>         | Method of artificial ageing by long term exposure to elevated temperature                                 | ČSN EN 1296   | Bitumen, plastic and rubber sheets                   | A, D                            |
| 6.22 <sup>1</sup>           | Determination of resistance to impact   | ČSN EN 12691  | Bitumen, plastic and rubber sheets                   | A, D                            |
| 6.23 <sup>2</sup>           | Determination of effect of chemicals and water  | ČSN EN 1847   | Bitumen, plastic and rubber sheets                   | A, D                            |
| 6.24 <sup>2</sup>           | Artificial aging by long term exposure to the combination of UV radiation, elevated temperature and water | ČSN EN 1297   | Bitumen, plastic and rubber sheets                   | A, D                            |
| 6.25 <sup>1,2</sup>         | Waterproofing determination   | ČSN EN 1928   | Bitumen, plastic and rubber sheets                   | A, D                            |
| 6.26 <sup>1</sup>           | Determination of water vapour transmission properties   | ČSN EN 1931   | Bitumen, plastic and rubber sheets                   | A, D                            |
| 6.27 <sup>2</sup>           | Determination of watertightness after stretching at low temperature                                       | ČSN EN 13897  | Bitumen, plastic and rubber sheets                   | A, D                            |
| 6.28 <sup>1,2</sup>         | Determination of resistance to static loading   | ČSN EN 12730  | Bitumen, plastic and rubber sheets                   | A, D                            |
| 6.29 <sup>2</sup>           | Determination of flow resistance at elevated temperature  | ČSN EN 1110   | Bitumen, plastic and rubber sheets, bitumen shingles | A, D                            |
| 6.30 <sup>2</sup>           | Determination of the behaviour during application of mastic asphalt                                       | ČSN EN 14693  | Bitumen sheets                                       | A, D                            |
| 6.31 <sup>2</sup>           | Determination of visible defects  | ČSN EN 1850-1                                       | Bitumen sheets                                       | A, D                            |
| 6.32 <sup>1,2</sup>         | Determination of stress-strain properties   | ČSN EN 12311-1                                      | Bitumen sheets                                       | A, D                            |
| 6.33 <sup>1,2</sup>         | Determination of resistance to tearing  | ČSN EN 12310-1                                      | Bitumen sheets                                       | A, D                            |
| 6.34 <sup>1,2</sup>         | Determination of flexibility at low temperatures  | ČSN EN 1109   | Bitumen sheets                                       | A, D                            |

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| 6.35 <sup>1,2</sup>         | Determination of shear resistance of joints                    | ČSN EN 12317-1                                      | Bitumen sheets              | A, D                            |
| 6.36 <sup>1,2</sup>         | Determination of peel resistance of joints                     | ČSN EN 12316-1                                      | Bitumen sheets              | A, D                            |
| 6.37 <sup>1,2</sup>         | Determination of dimensions                                    | ČSN EN 1848-1                                       | Bitumen sheets              | A, D                            |
| 6.38 <sup>1,2</sup>         | Determination of thickness                                     | ČSN EN 1849-1, cl. 4                                | Bitumen sheets              | A, D                            |
| 6.39 <sup>1,2</sup>         | Determination of dimensional changes                           | ČSN EN 1107-1                                       | Bitumen sheets              | A, D                            |
| 6.40 <sup>1,2</sup>         | Determination of the area mass                                 | ČSN EN 1849-1, cl. 5                                | Bitumen sheets              | A, D                            |
| 6.41 <sup>2</sup>           | Determination of geometric and mechanical properties           | ČSN EN 544 ed.2                                     | Bitumen shingles            | A, D                            |
| 6.42 <sup>2</sup>           | Determination of the area mass                                 | ČSN EN 544 ed.2, cl. 6.2                            | Bitumen shingles            | A, D                            |
| 6.43 <sup>2</sup>           | Determination of geometric properties                          | ČSN EN 544 ed.2, cl. 6.3                            | Bitumen shingles            | A, D                            |
| 6.44 <sup>2</sup>           | Determination of water absorption                              | ČSN EN 544 ed.2, cl. 6.4.3                          | Bitumen shingles            | A, D                            |
| 6.45 <sup>2</sup>           | Determination of blistering resistance                         | ČSN EN 544 ed.2, cl. 6.4.5                          | Bitumen shingles            | A, D                            |
| 6.46 <sup>2</sup>           | Determination of geometric, mechanical and physical properties | ČSN EN 534+A1                                       | Corrugated bitumen sheets   | A, D                            |
| 6.47 <sup>2</sup>           | Determination of stress-strain properties                      | ČSN EN 1607;<br>ČSN EN 13496                        | Thermal insulating products | A, D                            |
| 6.48 <sup>2</sup>           | Compression strength   | ČSN EN 826;<br>ČSN EN ISO 29469                     | Thermal insulating products | A, D                            |
| 6.49 <sup>2</sup>           | Determination of compression set                               | ČSN EN 1605   | Thermal insulating products | A, D                            |

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|-----------------------------|---|---|---|---------------------------------|
| 6.50 <sup>2</sup>           | Determination of geometric dimensions                 | ČSN EN 822;<br>ČSN EN ISO 29465;<br>ČSN EN 824;<br>ČSN EN 12085;<br>ČSN EN 12431;<br>ČSN EN ISO 29770;<br>ČSN EN 13467;<br>ČSN EN 13165+A2, cl. 5.3.3;<br>ČSN EN 825;<br>ČSN EN ISO 29468;<br>ČSN EN ISO 29768;<br>ČSN EN ISO 12628 | Thermal insulating products                   | A, D                            |
| 6.51 <sup>2</sup>           | Determination of thickness                            | ČSN EN 823;<br>ČSN EN ISO 29466   | Thermal insulating products                   | A, D                            |
| 6.52 <sup>1,2</sup>         | Determination of dimensional changes                  | ČSN EN 1604;<br>ČSN EN 1603   | Thermal insulating products                   | A, D                            |
| 6.53 <sup>2</sup>           | Determination of water content                        | ČSN EN 12429  | Thermal insulating products                   | A, D                            |
| 6.54 <sup>2</sup>           | Determination of indentation hardness                 | ČSN EN 12430  | Thermal insulating products                   | A, D                            |
| 6.55 <sup>2</sup>           | Determination of bending strength                     | ČSN EN 12089  | Thermal insulating products                   | A, D                            |
| 6.56 <sup>2</sup>           | Determination of shear strength                       | ČSN EN 12090  | Thermal insulating products                   | A, D                            |
| 6.57 <sup>1,2</sup>         | Determination of water absorption                     | ČSN EN ISO 16535;<br>ČSN EN ISO 29767   | Thermal insulating products                   | A, D                            |
| 6.58 <sup>2</sup>           | Determination of resistance to freezing and thawing   | ČSN EN 12091:2013;<br>ČSN EN ISO 16546  | Thermal insulating products                   | A, D                            |
| 6.59 <sup>1</sup>           | Determination of water vapour transmission properties | ČSN EN 12086  | Thermal insulating products                   | A, D                            |
| 6.60 <sup>2</sup>           | Determination of volume weight                        | ČSN EN 1602:2013;<br>ČSN EN ISO 29470   | Thermal insulating products                   | A, D                            |
| 6.61 <sup>1</sup>           | Determination of water vapour transmission properties | ČSN EN 13469;<br>ČSN EN ISO 12629   | Thermal insulating products - pipe insulation | A, D                            |

## List of activities within the flexible scope of accreditation

| Ordinal number <sup>1</sup> | Test procedure / method name                          | Test procedure / method identification <sup>2</sup>         | Tested subject                        | Degrees of freedom <sup>3</sup> |
|-----------------------------|---|---|---------------------------------------|---------------------------------|
| 6.62 <sup>1</sup>           | Determination of the dimensional and volume stability | ČSN 64 0610   | Plastic films                         | A, D                            |
| <b>7</b>                    | <b>Textiles and geotextiles</b>                       |   |                                       |                                 |
| 7.1 <sup>2</sup>            | Determination of flexibility at low temperatures      | ČSN EN 1876-1   | Textiles                              | A, D                            |
| 7.2 <sup>2</sup>            | Determination of thickness                            | ČSN EN ISO 2286-3;<br>ČSN EN ISO 9073-2;<br>ČSN EN ISO 5084 | Textiles                              | A, D                            |
| 7.3 <sup>2</sup>            | Determination of the area mass                        | ČSN EN ISO 9073-1   | Textiles                              | A, D                            |
| 7.4 <sup>2</sup>            | Static puncture test (CBR test)                       | ČSN EN ISO 12236  | Geosynthetics, geotextiles            | A, D                            |
| 7.5 <sup>2</sup>            | Dynamic perforation test (cone drop test)             | ČSN EN ISO 13433  | Geosynthetics, geotextiles            | A, D                            |
| 7.6 <sup>2</sup>            | Wide-width tensile test                               | ČSN EN ISO 10319  | Geosynthetics, geotextiles            | A, D                            |
| 7.7 <sup>2</sup>            | Determination of thickness                            | ČSN EN ISO 9863-1   | Geosynthetics, geotextiles            | A, D                            |
| 7.8 <sup>2</sup>            | Determination of the area mass                        | ČSN EN ISO 9864   | Geosynthetics, geotextiles            | A, D                            |
| <b>8</b>                    | <b>Plastics and plastic products</b>                  |   |                                       |                                 |
| 8.1 <sup>2</sup>            | Determination of stress-strain properties             | ČSN EN ISO 1798   | Flexible cellular polymeric materials | A, D                            |
| 8.2 <sup>2</sup>            | Determination of compression set                      | ČSN EN ISO 1856   | Flexible cellular polymeric materials | A, D                            |
| 8.3 <sup>2</sup>            | Resistance against compression                        | ČSN EN ISO 3386-2;<br>ČSN EN ISO 3386-1                     | Flexible cellular polymeric materials | A, D                            |
| 8.4 <sup>1</sup>            | Determination of water absorption                     | ČSN EN ISO 62   | Plastics                              | A, D                            |
| 8.5 <sup>1,2</sup>          | Determination of stress-strain properties             | ČSN EN ISO 527-1;<br>ČSN EN ISO 527-2;<br>ČSN EN ISO 527-3  | Plastics                              | A, D                            |
| 8.6 <sup>2</sup>            | Determination of compression properties               | ČSN EN ISO 604  | Plastics                              | A, D                            |
| 8.7 <sup>2</sup>            | Determination of thickness                            | ČSN 64 0181   | Plastics                              | A, D                            |

## List of activities within the flexible scope of accreditation

| Ordinal number <sup>1</sup> | Test procedure / method name  | Test procedure / method identification <sup>2</sup> | Tested subject   | Degrees of freedom <sup>3</sup> |
|-----------------------------|---|---|--|---------------------------------|
| 8.8 <sup>2</sup>            | Artificial aging by long term exposure to the combination of UV radiation, elevated temperature and water | ČSN EN ISO 4892-3                                   | Plastics   | A, D                            |
| 8.9 <sup>2</sup>            | Determination of stress-strain properties   | ISO 1926  | Rigid plastics   | A, D                            |
| 8.10 <sup>2</sup>           | Determination of compression properties   | ČSN EN ISO 844                                      | Rigid cellular plastics                                  | A, D                            |
| 8.11 <sup>2</sup>           | Determination of flexural properties  | ČSN EN ISO 178                                      | Plastic products   | A, D                            |
| 8.12 <sup>2</sup>           | Determination of dimensions   | ČSN EN ISO 1923                                     | Cellular plastics and rubbers                            | A, D                            |
| 8.13 <sup>2</sup>           | Determination of volume weight  | ČSN EN ISO 845                                      | Cellular plastics and rubbers                            | A, D                            |
| 8.14 <sup>2</sup>           | Determination of bond strength  | ČSN EN 12188, cl. 8                                 | Polymer adhesives  | A, D                            |
| 8.15 <sup>2</sup>           | Determination of thickness  | ČSN 64 3211, cl. 18                                 | PVC-U boards   | A, D                            |
| 8.16 <sup>2</sup>           | Measurement of dimensions   | ČSN 64 3211, cl. 19                                 | PVC-U boards   | A, D                            |
| 8.17 <sup>2</sup>           | Determination of dimensional changes  | ČSN 64 3211, cl. 25                                 | PVC-U boards   | A, D                            |
| 8.18 <sup>2</sup>           | Determination of delamination   | ČSN 64 3211, cl. 29                                 | PVC-U boards   | A, D                            |
| 8.19 <sup>2</sup>           | Determination of the strength of welded corners and T-joints  | ČSN EN 514  | PVC profiles   | A, D                            |
| 8.20 <sup>2</sup>           | Determination of the appearance after heat exposure   | ČSN EN 478  | PVC profiles   | A, D                            |
| 8.21 <sup>2</sup>           | Determination of heat reversion   | ČSN EN 479  | PVC profiles   | A, D                            |
| 8.22 <sup>2</sup>           | Determination of appearance   | ČSN EN 12608-1+A1, cl. 6.1                          | PVC-U profiles (for the production of windows and doors) | A, D                            |
| 8.23 <sup>2</sup>           | Measurement of dimensions   | ČSN EN 12608-1+A1, cl. 6.2                          | PVC-U profiles (for the production of windows and doors) | A, D                            |

## List of activities within the flexible scope of accreditation

| Ordinal number <sup>1</sup> | Test procedure / method name  | Test procedure / method identification <sup>2</sup>  | Tested subject   | Degrees of freedom <sup>3</sup> |
|-----------------------------|---|--|--|---------------------------------|
| 8.24 <sup>2</sup>           | Determination of length weight  | ČSN EN 12608-1+A1, cl. 6.3   | PVC-U profiles (for the production of windows and doors) | A, D                            |
| 8.25 <sup>2</sup>           | Determination of stress-strain properties   | ČSN 64 5432  | Cellular materials                                       | A, D                            |
| 8.26 <sup>2</sup>           | Determination of indentation hardness   | ČSN EN ISO 2439  | Cellular materials                                       | A, D                            |
| 8.27 <sup>2</sup>           | Determination of bending strength   | ČSN 64 5444  | Cellular materials                                       | A, D                            |
| 8.28 <sup>1,2</sup>         | Determination of dimensional stability  | ČSN 64 5405  | Cellular materials                                       | A, D                            |
| <b>9</b>                    | <b>Sealants</b>   |  |  |                                 |
| 9.1 <sup>2</sup>            | Determination of stress-strain properties   | ČSN EN ISO 8339;<br>ČSN EN ISO 10591;<br>ČSN EN ISO 8340;<br>ČSN EN ISO 10590;<br>ČSN EN ISO 11431 | Sealants   | A, D                            |
| 9.2 <sup>2</sup>            | Resistance against compression  | ČSN EN ISO 11432   | Sealants   | A, D                            |
| 9.3 <sup>2</sup>            | Determination of tensile lap-shear strength of bonded assemblies                            | ČSN EN 1465  | Sealants   | A, D                            |
| 9.4 <sup>2</sup>            | Determination of adhesion and cohesion at constant temperature and at a temperature cycling | ČSN EN ISO 9046;<br>ČSN EN ISO 9047  | Sealants   | A, D                            |
| 9.5 <sup>2</sup>            | Determination of volume and weight changes  | ČSN EN ISO 10563   | Sealants   | A, D                            |
| 9.6 <sup>2</sup>            | Determination of flow properties  | ČSN EN ISO 7390  | Sealants   | A, D                            |
| 9.7 <sup>2</sup>            | Determination of the elastic recovery   | ČSN EN ISO 7389  | Sealants   | A, D                            |
| 9.8 <sup>2</sup>            | Determination of crack bridging ability   | ČSN EN 15812   | Polymer-modified bitumen sealants                        | A, D                            |
| 9.9 <sup>2</sup>            | Waterproofing determination   | ČSN EN 15820   | Polymer-modified bitumen sealants                        | A, D                            |
| <b>10</b>                   | <b>Adhesives</b>  |  |  |                                 |
| 10.1 <sup>2</sup>           | Determination of peeling resistance   | ČSN EN ISO 8510-2  | Adhesives  | A, D                            |

## List of activities within the flexible scope of accreditation

| Ordinal number <sup>1</sup> | Test procedure / method name   | Test procedure / method identification <sup>2</sup> | Tested subject                                  | Degrees of freedom <sup>3</sup> |
|-----------------------------|--|---|---|---------------------------------|
| 10.2 <sup>2</sup>           | Peeling test of the specimen made of flexible and solid adherents at 90° angle | ČSN EN 28510-1                                      | Adhesives                                       | A, D                            |
| 10.3 <sup>2</sup>           | Peeling test for assemblies made from flexible adherents                       | ČSN EN ISO 11339                                    | Adhesives                                       | A, D                            |
| 10.4 <sup>2</sup>           | Determination of bending strength/shear  | ČSN EN 302-1  | Adhesives for load-bearing timber structures    | A, D                            |
| 10.5 <sup>2</sup>           | Determination of stress-strain properties                                      | ČSN EN 205  | Wood adhesives                                  | A, D                            |
| 10.6 <sup>2</sup>           | Determination of shear strength  | ČSN EN ISO 22632                                    | Adhesives for floor and wall coverings          | A, D                            |
| 10.7 <sup>2</sup>           | Determination of shear strength  | ČSN EN ISO 17178, cl. 4.4                           | Hard elastic and elastic adhesives              | A, D                            |
| 10.8 <sup>2</sup>           | Determination of transverse deformation  | ČSN EN 12004-2, cl. 8.6                             | Adhesives for ceramic tiles                     | A, D                            |
| 10.9 <sup>2</sup>           | Determination of open time   | ČSN EN 12004-2, cl. 8.1                             | Adhesives for ceramic tiles                     | A, D                            |
| 10.10 <sup>2</sup>          | Determination of slip  | ČSN EN 12004-2, cl. 8.2                             | Adhesives for ceramic tiles                     | A, D                            |
| 10.11* <sup>2</sup>         | Determination of adhesion by tensile test                                      | ČSN EN 12004-2, cl. 8.3                             | Adhesives for ceramic tiles                     | A, D                            |
| 10.12 <sup>2</sup>          | Determination of adhesion by shear test  | ČSN EN 12004-2, cl. 8.4<br>ČSN EN 12004-2, cl. 8.5  | Adhesives for ceramic tiles                     | A, D                            |
| 10.13 <sup>2</sup>          | Determination of dimensional changes   | ČSN EN ISO 22635                                    | Adhesives for floor coverings or wall coverings | A, D                            |
| 10.14 <sup>2</sup>          | Determination of dimensional changes   | ČSN EN ISO 22633                                    | Adhesives for floor coverings or wall coverings | A, D                            |
| 10.15 <sup>2</sup>          | Determination of air content   | ČSN EN ISO 22631                                    | Adhesives for floor coverings or wall coverings | A, D                            |
| 10.16 <sup>2</sup>          | Determination of shear strength  | ČSN EN ISO 17178, cl. 4.2                           | Adhesives for bonding parquet to subfloor       | A, D                            |
| 10.17 <sup>2</sup>          | Determination of the tensile strength  | ČSN EN ISO 17178, cl. 4.3                           | Adhesives for bonding parquet to subfloor       | A, D                            |



## List of activities within the flexible scope of accreditation

| Ordinal number <sup>1</sup> | Test procedure / method name   | Test procedure / method identification <sup>2</sup>              | Tested subject   | Degrees of freedom <sup>3</sup> |
|-----------------------------|--|--|--|---------------------------------|
| 10.18 <sup>2</sup>          | Determination of consistence, flow characteristics                       | ČSN EN 12706   | Adhesives - floor smoothing and/or levelling compounds | A, D                            |
| <b>11</b>                   | <b>Paints and surface treatments</b>                                     |  |  |                                 |
| 11.1 <sup>2</sup>           | Determination of impact resistance                                       | ČSN EN ISO 6272-1  | Paints and varnishes                                   | A, D                            |
| 11.2* <sup>2</sup>          | Determination of adhesion to substrates                                  | ČSN EN ISO 4624  | Paints and varnishes                                   | A, D                            |
| 11.3* <sup>2</sup>          | Determination of coating thickness                                       | ČSN EN ISO 2808, cl. 4.2.4, 4.3, 5.3, 5.5.6, 5.5.7, 5.8.4, 5.4.4 | Paints and varnishes                                   | A, D                            |
| 11.4* <sup>2</sup>          | Cross-cut test   | ČSN EN ISO 2409  | Paints and varnishes                                   | A, D                            |
| 11.5 <sup>2</sup>           | Determination of resistance to liquid chemicals                          | ČSN EN ISO 2812-1;<br>ČSN EN ISO 2812-2                          | Paints and varnishes                                   | A, D                            |
| 11.6 <sup>2</sup>           | Determination of resistance to humidity                                  | ČSN EN ISO 6270-1  | Paints and varnishes                                   | A, D                            |
| 11.7 <sup>2</sup>           | Determination of water absorption coefficient by partial immersion       | ČSN EN ISO 15148   | Paints and varnishes                                   | A, D                            |
| 11.8 <sup>2</sup>           | Determination of flow time by use of flow cups                           | ČSN EN ISO 2431  | Paints and varnishes                                   | A, D                            |
| 11.9 <sup>2</sup>           | Building structures – Resistance of finish to sudden temperature changes | ČSN 73 2581  | Paints and varnishes                                   | A, D                            |
| 11.10 <sup>1,2</sup>        | Determination of water-vapour transmission properties - Cup method       | ČSN EN ISO 7783  | Paints and varnishes                                   | A, D                            |
| 11.11 <sup>2</sup>          | Determination of liquid water permeability                               | ČSN EN 1062-3  | Paints and varnishes                                   | A, D                            |
| 11.12 <sup>2</sup>          | Assessment of the liquid water permeability                              | ČSN EN 927-5   | Wood coatings  | A, D                            |
| 11.13 <sup>2</sup>          | Waterproofing determination  | ČSN EN 14891 ed. 2, annex A.7                                    | Waterproof coatings                                    | A, D                            |
| 11.14 <sup>1</sup>          | Determination of water vapour transmission properties                    | ČSN 73 2580  | Surface treatments of building structures              | A, D                            |



## List of activities within the flexible scope of accreditation

| Ordinal number <sup>1</sup> | Test procedure / method name   | Test procedure / method identification <sup>2</sup> | Tested subject   | Degrees of freedom <sup>3</sup> |
|-----------------------------|--|---|--|---------------------------------|
| 11.15* <sup>2</sup>         | Determination of adhesion to the substrate   | ČSN 73 2577   | Surface treatments of building structures              | A, D                            |
| 11.16 <sup>2</sup>          | Determination of adhesion to the substrate after freezing and thawing              | ČSN 73 2579   | Surface treatments of building structures              | A, D                            |
| 11.17 <sup>2</sup>          | Waterproofing determination  | ČSN 73 2578   | Surface treatments of building structures              | A, D                            |
| 11.18 <sup>2</sup>          | Determination of slant shear strength  | ČSN EN 12615  | Products for repair of concrete structures             | A, D                            |
| 11.19* <sup>2</sup>         | Determination of adhesion to substrates  | ČSN EN 1542   | Products and systems for repair of concrete structures | A, D                            |
| 11.20* <sup>2</sup>         | Determination of adhesion to substrates  | ČSN EN 12636  | Products and systems for repair of concrete structures | A, D                            |
| 11.21 <sup>2</sup>          | Determination of adhesion of concrete to concrete                                  | ČSN EN 12636, cl. 5                                 | Products and systems for repair of concrete structures | A, D                            |
| 11.22 <sup>2</sup>          | Determination of modulus of elasticity in compression                              | ČSN EN 13412  | Products and systems for repair of concrete structures | A, D                            |
| 11.23 <sup>2</sup>          | Determination of volumetric change after drying cycles and submersion in the water | ČSN EN 14498  | Products and systems for repair of concrete structures | A, D                            |
| 11.24 <sup>2</sup>          | Determination of resistance to capillary absorption                                | ČSN EN 13057  | Products and systems for repair of concrete structures | A, D                            |
| 11.25 <sup>2</sup>          | Determination of resistance to liquid chemicals                                    | ČSN EN 13529  | Products and systems for repair of concrete structures | A, D                            |
| 11.26 <sup>2</sup>          | Determination of setting time  | ČSN EN 13294  | Products and systems for repair of concrete structures | A, D                            |
| 11.27 <sup>2</sup>          | Determination of compatibility with wet concrete                                   | ČSN EN 13578  | Products and systems for repair of concrete structures | A, D                            |
| 11.28 <sup>2</sup>          | Determination of contraction and expansion   | ČSN EN 12617-4                                      | Products and systems for repair of concrete structures | A, D                            |

## List of activities within the flexible scope of accreditation

| Ordinal number <sup>1</sup> | Test procedure / method name  | Test procedure / method identification <sup>2</sup> | Tested subject   | Degrees of freedom <sup>3</sup> |
|-----------------------------|---|---|--|---------------------------------|
| 11.29 <sup>2</sup>          | Determination of thermal expansion coefficient  | ČSN EN 1770   | Products and systems for repair of concrete structures | A, D                            |
| 11.30 <sup>2</sup>          | Determination of resistance to thermal cycling with CHRL solution immersion           | ČSN EN 13687-1                                      | Products and systems for repair of concrete structures | A, D                            |
| 11.31 <sup>2</sup>          | Determination of bonding cement suitability for surface concrete application          | ČSN EN 1799   | Products and systems for repair of concrete structures | A, D                            |
| 11.32 <sup>2</sup>          | Determination of resistance to temperature cycling without immersion in CHRL solution | ČSN EN 13687-3                                      | Products and systems for repair of concrete structures | A, D                            |
| 11.33 <sup>2</sup>          | Determination of resistance to temperature cycling in dry state                       | ČSN EN 13687-4                                      | Products and systems for repair of concrete structures | A, D                            |
| 11.34 <sup>2</sup>          | Determination of resistance to temperature shock                                      | ČSN EN 13687-5                                      | Products and systems for repair of concrete structures | A, D                            |
| 11.35 <sup>2</sup>          | Thunder-shower cycling  | ČSN EN 13687-2                                      | Products and systems for repair of concrete structures | A, D                            |
| 11.36 <sup>2</sup>          | Determination of linear contraction   | ČSN EN 12617-1                                      | Products and systems for repair of concrete structures | A, D                            |
| 11.37 <sup>2</sup>          | Determination of volumetric contraction of products based on polymers                 | ČSN EN 12617-2                                      | Products and systems for repair of concrete structures | A, D                            |
| 11.38 <sup>2</sup>          | Determination of crack bridging ability   | ČSN EN 1062-7, method B                             | Coating materials and coating systems                  | A, D                            |
| 11.39 <sup>2</sup>          | Determination of dimensional changes  | ČSN EN 13872  | Floor screeds based on calcium sulphate                | A, D                            |
| 11.40 <sup>2</sup>          | Compression strength  | ČSN EN 13454-2, cl. 4.4                             | Binders for floor screeds based on calcium sulphate    | A, D                            |
| 11.41 <sup>2</sup>          | Determination of normal consistence   | ČSN EN 13454-2, cl. 5.3                             | Binders for floor screeds based on calcium sulphate    | A, D                            |

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| Ordinal number <sup>1</sup> | Test procedure / method name                          | Test procedure / method identification <sup>2</sup> | Tested subject                                      | Degrees of freedom <sup>3</sup> |
|-----------------------------|---|---|---|---------------------------------|
| 11.42 <sup>2</sup>          | Determination of bending strength                     | ČSN EN 13454-2, cl. 5.4                             | Binders for floor screeds based on calcium sulphate | A, D                            |
| 11.43 <sup>2</sup>          | Determination of dimensional changes                  | ČSN EN 13454-2, cl. 5.5                             | Binders for floor screeds based on calcium sulphate | A, D                            |
| <b>12</b>                   | <b>Mortar, cement</b>                                 |   |   |                                 |
| 12.1 <sup>2</sup>           | Frost resistance test                                 | ČSN 72 2452   | Mortars   | A, D                            |
| 12.2 <sup>2</sup>           | Determination of volume weight                        | ČSN EN 1015-6                                       | Fresh mortar  | A, D                            |
| 12.3 <sup>2</sup>           | Determination of contraction and expansion            | ČSN EN 13454-2, cl. 5.6                             | Fresh mortar  | A, D                            |
| 12.4 <sup>1</sup>           | Determination of water vapour transmission properties | ČSN EN 1015-19                                      | Hardened mortar                                     | A, D                            |
| 12.5 <sup>2</sup>           | Determination of bending tensile strength             | ČSN EN 1015-11, cl. 8                               | Hardened mortar                                     | A, D                            |
| 12.6 <sup>2</sup>           | Compression strength                                  | ČSN EN 1015-11, cl. 9                               | Hardened mortar                                     | A, D                            |
| 12.7 <sup>2</sup>           | Determination of volume weight                        | ČSN EN 1015-10                                      | Hardened mortar                                     | A, D                            |
| 12.8 <sup>2</sup>           | Compression strength                                  | ČSN EN 12190  | Repair mortar                                       | A, D                            |
| 12.9 <sup>2</sup>           | Determination of workability                          | ČSN EN 13395-4                                      | Repair mortar for soffit surfaces                   | A, D                            |
| 12.10* <sup>2</sup>         | Determination of adhesion to substrates               | ČSN EN 1015-12                                      | Mortar for masonry                                  | A, D                            |
| 12.11* <sup>2</sup>         | Determination of air content                          | ČSN EN 1015-7                                       | Mortar for masonry                                  | A, D                            |
| 12.12 <sup>2</sup>          | Determination of setting time                         | ČSN EN 480-2  | Admixtures for concrete, mortar and grout           | A, D                            |
| 12.13* <sup>2</sup>         | Fresh concrete test - separation of water             | ČSN EN 480-4  | Admixtures for concrete, mortar and grout           | A, D                            |
| 12.14 <sup>2</sup>          | Determination of capillary absorption                 | ČSN EN 480-5  | Admixtures for concrete, mortar and grout           | A, D                            |
| 12.15 <sup>2</sup>          | Determination of dry content                          | ČSN EN 480-8  | Admixtures for concrete, mortar and grout           | A, D                            |
| 12.16 <sup>2</sup>          | Determination of viscosity                            | ČSN EN 445  | Grout   | A, D                            |
| 12.17 <sup>2</sup>          | Determination of consistence, flow characteristics    | ČSN EN 13395-2                                      | Grout and mortar                                    | A, D                            |

## List of activities within the flexible scope of accreditation

| Ordinal number <sup>1</sup> | Test procedure / method name                                       | Test procedure / method identification <sup>2</sup> | Tested subject            | Degrees of freedom <sup>3</sup> |
|-----------------------------|--|---|---------------------------|---------------------------------|
| 12.18 <sup>2</sup>          | Determination of compressive and tensile strength after bending    | ČSN EN 196-1  | Cement                    | A, D                            |
| 12.19 <sup>2</sup>          | Determination of normal consistency and setting time of cement     | ČSN EN 196-3, cl. 5.6                               | Cement                    | A, D                            |
| 12.20 <sup>2</sup>          | Volume stability of cement determination                           | ČSN EN 196-3, cl. 7                                 | Cement                    | A, D                            |
| 12.21 <sup>2</sup>          | Determination of aqueous heat by dissolvent method                 | ČSN EN 196-8  | Cement                    | A, D                            |
| 12.22 <sup>2</sup>          | Determination of bending tensile strength and compressive strength | ČSN EN 13888-2, cl. 9.1                             | Grouts for ceramic tiles  | A, D                            |
| 12.23 <sup>2</sup>          | Determination of dimensional changes                               | ČSN EN 13888-2, cl. 9.3                             | Grouts for ceramic tiles  | A, D                            |
| 12.24 <sup>2</sup>          | Determination of water absorption                                  | ČSN EN 13888-2, cl. 9.2                             | Grouts for ceramic tiles  | A, D                            |
| 12.25 <sup>2</sup>          | Determination of resistance to liquid chemicals                    | ČSN EN 13888-2, cl. 9.2                             | Grouts for ceramic tiles  | A, D                            |
| 12.26 <sup>2</sup>          | Determination of wear resistance by Böhme method                   | ČSN EN 13892-3                                      | Screed materials          | A, D                            |
| 12.27 <sup>2</sup>          | Determination of bending tensile strength and compressive strength | ČSN EN 13892-2                                      | Screed materials          | A, D                            |
| 12.28* <sup>2</sup>         | Determination of adhesion by tensile test                          | ČSN EN 13892-8                                      | Screed materials          | A, D                            |
| 12.29 <sup>2</sup>          | Determination of bond strength                                     | ČSN EN 13408  | Floor screeds             | A, D                            |
| 12.30 <sup>2</sup>          | Determination of setting time                                      | ČSN EN 13409  | Floor screeds             | A, D                            |
| <b>13</b>                   | <b>Floor coverings</b>   |   |                           |                                 |
| 13.1 <sup>2</sup>           | Determination of peel resistance                                   | ČSN EN ISO 24345                                    | Floor coverings           | A, D                            |
| 13.2 <sup>2</sup>           | Determination of dimensional changes                               | ČSN EN 14565, annex C                               | Floor coverings           | A, D                            |
| 13.3 <sup>1,2</sup>         | Determination of the area mass                                     | ČSN EN ISO 23997                                    | Resilient floor coverings | A, D                            |

## List of activities within the flexible scope of accreditation

| Ordinal number <sup>1</sup> | Test procedure / method name                           | Test procedure / method identification <sup>2</sup> | Tested subject                        | Degrees of freedom <sup>3</sup> |
|-----------------------------|--|---|---------------------------------------|---------------------------------|
| 13.4 <sup>2</sup>           | Determination of resistance to sliding                 | ČSN P CEN/TS 15676                                  | Wood flooring                         | A, D                            |
| 13.5 <sup>2</sup>           | Determination of dimensions                            | ČSN EN ISO 24341;<br>ČSN EN ISO 24342               | Resilient and textile floor coverings | A, D                            |
| 13.6 <sup>2</sup>           | Determination of thickness                             | ČSN EN ISO 24346;<br>ČSN EN ISO 24340               | Resilient and textile floor coverings | A, D                            |
| 13.7 <sup>2</sup>           | Determination of dimensional changes                   | ČSN EN 669  | Resilient floor coverings             | A, D                            |
| 13.8 <sup>2</sup>           | Determination of dimensional changes                   | ČSN EN ISO 23999                                    | Resilient floor coverings             | A, D                            |
| 13.9 <sup>2</sup>           | Determination of density by gravimetry method          | ČSN EN ISO 23996                                    | Resilient floor coverings             | A, D                            |
| 13.10 <sup>2</sup>          | Determination of water content                         | ČSN EN 12105  | Resilient floor coverings             | A, D                            |
| 13.11 <sup>2</sup>          | Determination of wear resistance by Frick-Taber method | ČSN EN 660-2  | Resilient floor coverings             | A, D                            |
| <b>14</b>                   | <b>Playground and sports areas</b>                     |   |                                       |                                 |
| 14.1* <sup>2</sup>          | Determination of vertical ball rebound                 | ČSN EN 12235;<br>FIFA 01                            | Surfaces for sports areas             | A, D                            |
| 14.2* <sup>2</sup>          | Determination of ball roll                             | ČSN EN 12234;<br>FIFA 03                            | Surfaces for sports areas             | A, D                            |
| 14.3* <sup>2</sup>          | Determination of shock absorption                      | ČSN EN 14808;<br>FIFA 04                            | Surfaces for sports areas             | A, D                            |
| 14.4* <sup>2</sup>          | Determination of vertical deformation                  | ČSN EN 14809;<br>FIFA 05                            | Surfaces for sports areas             | A, D                            |
| 14.5* <sup>2</sup>          | Determination of rotational resistance                 | ČSN EN 15301-1;<br>FIFA 06                          | Surfaces for sports areas             | A, D                            |
| 14.6* <sup>2</sup>          | Determination of resistance to compression             | ČSN EN 1516   | Surfaces for sports areas             | A, D                            |
| 14.7* <sup>2</sup>          | Determination of resistance to impact                  | ČSN EN 1517   | Surfaces for sports areas             | A, D                            |
| 14.8* <sup>2</sup>          | Determination of resistance to rolling load            | ČSN EN 1569   | Surfaces for sports areas             | A, D                            |
| 14.9 <sup>2</sup>           | Artificial ageing test                                 | ČSN EN 14836  | Surfaces for sports areas             | A, D                            |
| 14.10 <sup>2</sup>          | Determination of thickness of surface                  | ČSN EN 1969   | Surfaces for sports areas             | A, D                            |

## List of activities within the flexible scope of accreditation

| Ordinal number <sup>1</sup> | Test procedure / method name  | Test procedure / method identification <sup>2</sup>  | Tested subject            | Degrees of freedom <sup>3</sup> |
|-----------------------------|---|--|---------------------------|---------------------------------|
| 14.11* <sup>2</sup>         | Determination of water permeability   | ČSN EN 12616   | Surfaces for sports areas | A, D                            |
| 14.12 <sup>2</sup>          | Determination of tensile characteristic   | ČSN EN 12230   | Surfaces for sports areas | A, D                            |
| 14.13 <sup>2</sup>          | Determination of joint strength   | ČSN EN 12228   | Surfaces for sports areas | A, D                            |
| 14.14 <sup>2</sup>          | Determination of artificial ageing by procedure for accelerated ageing by exposure to hot air | ČSN EN 13817   | Surfaces for sports areas | A, D                            |
| 14.15 <sup>2</sup>          | Determination of dimensional changes  | ČSN EN 13746   | Surfaces for sports areas | A, D                            |
| 14.16* <sup>2</sup>         | Determination of flatness   | ČSN EN 13036-7   | Surfaces for sports areas | A, D                            |
| 14.17* <sup>2</sup>         | Determination of anti-slip surface properties – test by pendulum                              | ČSN EN 13036-4   | Surfaces for sports areas | A, D                            |
| 14.18* <sup>2</sup>         | Determination of geometric and physical properties  | ČSN EN 1176-1 ed. 2, cl. 4.2.3, 4.2.4, 4.2.7 to 4.2.9, 4.2.12, 4.2.13, annex D;<br>ČSN EN 1176-2 ed. 2, cl. 4.2 to 4.5, 4.7, 4.9, 4.10, 5, annex C;<br>ČSN EN 1176-3 ed. 2;<br>ČSN EN 1176-4 ed. 2, cl. 4.4 to 4.8, 4.10 to 4.14, annex A, B;<br>ČSN EN 1176-5, cl. 4.2 to 4.5, 5.1, 5.2, 5.3.1, 5.4 to 5.7;<br>ČSN EN 1176-6 ed.2, cl.4.2 to 4.11, 5.1 to 5.4, annex B, C, D, E | Playground equipment      | A, D                            |
| <b>15</b>                   | <b>Concrete and concrete products</b>   |  |                           |                                 |
| 15.1 <sup>2</sup>           | Determination of volume weight  | ČSN EN 12350-6   | Fresh concrete            | A, D                            |
| 15.2* <sup>2</sup>          | Determination of consistence – slump test   | ČSN EN 12350-2   | Fresh concrete            | A, D                            |
| 15.3* <sup>2</sup>          | Determination of consistence – VEBE test  | ČSN EN 12350-3   | Fresh concrete            | A, D                            |

## List of activities within the flexible scope of accreditation

| Ordinal number <sup>1</sup> | Test procedure / method name                            | Test procedure / method identification <sup>2</sup> | Tested subject              | Degrees of freedom <sup>3</sup> |
|-----------------------------|---|---|-----------------------------|---------------------------------|
| 15.4* <sup>2</sup>          | Determination of consistence - degree of compactability | ČSN EN 12350-4                                      | Fresh concrete              | A, D                            |
| 15.5* <sup>2</sup>          | Determination of consistence - flow table test          | ČSN EN 12350-5                                      | Fresh concrete              | A, D                            |
| 15.6* <sup>2</sup>          | Determination of air content                            | ČSN EN 12350-7                                      | Fresh concrete              | A, D                            |
| 15.7 <sup>2</sup>           | Compression strength                                    | ČSN EN 12390-3                                      | Hardened concrete           | A, D                            |
| 15.8 <sup>2</sup>           | Determination of bending strength                       | ČSN EN 12390-5                                      | Hardened concrete           | A, D                            |
| 15.9 <sup>2</sup>           | Determination of tensile strength of surface layers     | ČSN 73 1318, annex 2                                | Hardened concrete           | A, D                            |
| 15.10 <sup>2</sup>          | Determination of dimensions                             | ČSN EN 12390-1                                      | Hardened concrete           | A, D                            |
| 15.11 <sup>2</sup>          | Determination of volume weight                          | ČSN EN 12390-7                                      | Hardened concrete           | A, D                            |
| 15.12 <sup>2</sup>          | Waterproofing determination                             | ČSN EN 12390-8                                      | Hardened concrete           | A, D                            |
| 15.13 <sup>2</sup>          | Determination of frost resistance                       | ČSN 73 1322   | Hardened concrete           | A, D                            |
| 15.14* <sup>2</sup>         | Non-destructive testing                                 | ČSN 73 1373   | Concrete                    | A, D                            |
| 15.15 <sup>1</sup>          | Determination of grindability                           | ČSN 73 1324   | Concrete                    | A, D                            |
| 15.16 <sup>2</sup>          | Determination of bending strength/shear                 | ČSN EN 846-9 ed.2                                   | Lintels                     | A, D                            |
| 15.17 <sup>2</sup>          | Determination of bending strength                       | ČSN EN 1916   | Concrete pipes and fittings | A, D                            |
| 15.18 <sup>1</sup>          | Determination of grindability by the Böhme method       | ČSN EN 1338, annex H                                | Concrete paving blocks      | A, D                            |
| 15.19 <sup>1</sup>          | Determination of grindability by the Böhme method       | ČSN EN 1339, annex H                                | Concrete paving blocks      | A, D                            |
| 15.20 <sup>2</sup>          | Compression strength                                    | ČSN EN 1338, annex F                                | Concrete paving blocks      | A, D                            |
| 15.21 <sup>2</sup>          | Determination of water absorption                       | ČSN EN 1338, annex E                                | Concrete paving blocks      | A, D                            |
| 15.22 <sup>2</sup>          | Determination of dimensions                             | ČSN EN 1338, annex C                                | Concrete paving blocks      | A, D                            |



## List of activities within the flexible scope of accreditation

| Ordinal number <sup>1</sup> | Test procedure / method name                               | Test procedure / method identification <sup>2</sup> | Tested subject  | Degrees of freedom <sup>3</sup> |
|-----------------------------|--|---|---|---------------------------------|
| 15.23 <sup>2</sup>          | Determination of resistance to water and CHRL              | ČSN EN 1338, annex D                                | Concrete paving blocks  | A, D                            |
| 15.24 <sup>2</sup>          | Determination of resistance to sliding                     | ČSN EN 1339, annex I                                | Concrete paving blocks  | A, D                            |
| 15.25 <sup>2</sup>          | Determination of water absorption                          | ČSN EN 1339, annex E                                | Concrete paving blocks  | A, D                            |
| 15.26 <sup>2</sup>          | Determination of dimensions                                | ČSN EN 1339, annex C                                | Concrete paving blocks  | A, D                            |
| 15.27 <sup>2</sup>          | Determination of resistance to water and CHRL              | ČSN EN 1339, annex D                                | Concrete paving blocks  | A, D                            |
| 15.28 <sup>2</sup>          | Determination of bending tensile strength                  | ČSN EN 1339, annex F                                | Concrete paving blocks  | A, D                            |
| 15.29 <sup>2</sup>          | Determination of wear resistance by the Frick-Taber method | ČSN EN 13230-1, annex A                             | Concrete sleepers   | A, D                            |
| 15.30 <sup>2</sup>          | Determination of dimensions                                | ČSN 73 0212-5                                       | Building components   | A, D                            |
| 15.31* <sup>2</sup>         | Non-destructive testing of concrete                        | ČSN EN 12504-2                                      | Concrete structures   | A, D                            |
| 15.32 <sup>2</sup>          | Determination of resistance to water and CHRL              | ČSN 73 1326   | Concrete products   | A, D                            |
| 15.33* <sup>2</sup>         | Determination of adhesion to substrates                    | ČSN 73 6242, annex B                                | Levelling layers, concrete, mortar, sealing and insulating layers | A, D                            |
| <b>16</b>                   | <b>Masonry units</b>                                       |   |   |                                 |
| 16.1 <sup>2</sup>           | Determination of bending tensile strength                  | ČSN EN 772-6  | Masonry units   | A, D                            |
| 16.2 <sup>2</sup>           | Compression strength                                       | ČSN EN 772-1+A1                                     | Masonry units   | A, D                            |
| 16.3 <sup>2</sup>           | Determination of dimensions                                | ČSN EN 772-16                                       | Masonry units   | A, D                            |
| 16.4 <sup>2</sup>           | Determination of flatness of faces                         | ČSN EN 772-20                                       | Masonry units   | A, D                            |
| 16.5 <sup>2</sup>           | Determination of volume weight                             | ČSN EN 772-13                                       | Masonry units   | A, D                            |
| 16.6 <sup>2</sup>           | Determination of water absorption                          | ČSN EN 772-7;<br>ČSN EN 772-11                      | Masonry units   | A, D                            |



## List of activities within the flexible scope of accreditation

| Ordinal number <sup>1</sup> | Test procedure / method name                     | Test procedure / method identification <sup>2</sup> | Tested subject  | Degrees of freedom <sup>3</sup> |
|-----------------------------|--|---|---|---------------------------------|
| 16.7 <sup>2</sup>           | Determination of water content                   | ČSN EN 772-10                                       | Masonry units   | A, D                            |
| 16.8 <sup>2</sup>           | Determination of frost resistance                | ČSN EN 772-18                                       | Masonry units   | A, D                            |
| 16.9 <sup>2</sup>           | Determination of dimensions                      | ČSN 72 2602   | Brick products  | A, D                            |
| 16.10 <sup>2</sup>          | Determination of frost resistance                | ČSN 72 2601, annex A                                | Brick products  | A, D                            |
| 16.11 <sup>2</sup>          | Determination of dimensional changes             | ČSN 73 1356   | Autoclaved aerated concrete                                 | A, D                            |
| 16.12 <sup>2</sup>          | Determination of density                         | ČSN EN 992  | Autoclaved aerated concrete                                 | A, D                            |
| 16.13 <sup>2</sup>          | Determination of water content                   | ČSN 73 1357   | Autoclaved aerated concrete                                 | A, D                            |
| <b>17</b>                   | <b>Stone, aggregates, soil</b>                   |   |   |                                 |
| 17.1 <sup>2</sup>           | Determination of particle shape - Shape index    | ČSN EN 933-4  | Aggregates  | A, D                            |
| 17.2 <sup>2</sup>           | Determination of loose bulk density and voids    | ČSN EN 1097-3                                       | Aggregates  | A, D                            |
| 17.3 <sup>2</sup>           | Determination of percentage of crushed particles | ČSN EN 933-5  | Aggregates  | A, D                            |
| 17.4 <sup>2</sup>           | Determination of water content                   | ČSN EN 1097-5                                       | Aggregates  | A, D                            |
| 17.5 <sup>2</sup>           | Determination of Taber wear index                | ČSN EN 13230-1, annex A                             | Small aggregates  | A, D                            |
| 17.6 <sup>2</sup>           | Determination of particle size distribution      | ČSN EN 933-1  | Aggregates, rubber crumb, PVC, granulate, slag, cinder, ash | A, D                            |
| 17.7 <sup>2</sup>           | Determination of particle shape - Shape index    | ČSN EN 13383-2, cl. 7                               | Aggregate for hydraulic structures                          | A, D                            |
| 17.8 <sup>2</sup>           | Determination of bending tensile strength        | ČSN EN 13748-2, cl. 5.5                             | Terrazzo tiles  | A, D                            |
| 17.9 <sup>2</sup>           | Determination of dimensions                      | ČSN EN 13748-2, cl. 5.2 to 5.4                      | Terrazzo tiles  | A, D                            |
| 17.10 <sup>2</sup>          | Determination of resistance to water and CHRL    | ČSN EN 13748-2, cl. 5.9                             | Terrazzo tiles  | A, D                            |

## List of activities within the flexible scope of accreditation

| Ordinal number <sup>1</sup> | Test procedure / method name  | Test procedure / method identification <sup>2</sup>               | Tested subject        | Degrees of freedom <sup>3</sup> |
|-----------------------------|---|---|-----------------------|---------------------------------|
| 17.11* <sup>2</sup>         | Determination of compaction by static load plate                                  | ČSN 72 1006, annex A, B, D  | Soil, loose materials | A, D                            |
| 17.12* <sup>2</sup>         | Determination of volume weight  | ČSN 72 1010, method A   | Soil, loose materials | A, D                            |
| 17.13 <sup>2</sup>          | Determination of water content  | ČSN EN ISO 17892-1  | Soil, loose materials | A, D                            |
| 17.14 <sup>2</sup>          | Laboratory evaluation of soil compaction ability using<br>- Proctor standard test | ČSN EN 13286-2, cl. 7.1, 7.4                                      | Soil, loose materials | A, D                            |
| 17.15* <sup>2</sup>         | Determination of compaction by a light dynamic plate                              | ČSN 73 6192, cl. 5.4, group C devices                             | Soil, loose materials | A, D                            |
| <b>18</b>                   | <b>Wood and wood products</b>   |   |                       |                                 |
| 18.1 <sup>2</sup>           | Determination of modulus of elasticity in bending and of bending strength         | ČSN EN 310;<br>ČSN EN 789, cl. 7                                  | Wood based panels     | A, D                            |
| 18.2 <sup>2</sup>           | Determination of dimensional changes  | ČSN EN 318  | Wood based panels     | A, D                            |
| 18.3 <sup>2</sup>           | Determination of density by gravimetry method                                     | ČSN EN 323  | Wood based panels     | A, D                            |
| 18.4 <sup>2</sup>           | Determination of moisture resistance under cyclic test conditions                 | ČSN EN 321  | Wood based panels     | A, D                            |
| 18.5 <sup>2</sup>           | Determination of water content  | ČSN EN 322;<br>ČSN EN 13183-1                                     | Wood based panels     | A, D                            |
| 18.6 <sup>2</sup>           | Determination of water content  | ČSN 49 0103   | Wood                  | A, D                            |
| 18.7 <sup>2</sup>           | Determination of dimensions   | ČSN EN 324-1;<br>ČSN EN 324-2;<br>ČSN EN 1309-1;<br>ČSN EN 1309-2 | Wood, sawn timber     | A, D                            |
| 18.8* <sup>2</sup>          | Measurement and classification according to dimensions and defects                | ČSN EN 1309-3   | Round and sawn timber | A, D                            |
| 18.9* <sup>2</sup>          | Measurement and classification according to dimensions and defects                | ČSN EN 13145+A1, cl. 5, tab. 1 a 2                                | Wooden sleepers       | A, D                            |

## List of activities within the flexible scope of accreditation

| Ordinal number <sup>1</sup> | Test procedure / method name                                       | Test procedure / method identification <sup>2</sup> | Tested subject                               | Degrees of freedom <sup>3</sup> |
|-----------------------------|--|---|--|---------------------------------|
| 18.10 <sup>2</sup>          | Determination of stress-strain properties                          | ČSN EN 319  | Particleboards and fibreboards               | A, D                            |
| 18.11 <sup>2</sup>          | Determination of water absorption coefficient by partial immersion | ČSN EN 317  | Particleboards and fibreboards               | A, D                            |
| 18.12 <sup>2</sup>          | Shear test of glued joints   | ČSN EN 14080, annex D                               | Glued laminated timber and solid timber      | A, D                            |
| 18.13 <sup>2</sup>          | Bending tests  | ČSN EN 14080, annex F                               | Glued laminated timber and solid timber      | A, D                            |
| 18.14* <sup>2</sup>         | Visual classification  | ČSN 73 2824-1                                       | Wood for building structures                 | A, D                            |
| 18.15 <sup>2</sup>          | Determination of dimensions  | ČSN EN 408+A1, cl. 5                                | Structural timber and glued laminated timber | A, D                            |
| 18.16 <sup>2</sup>          | Determination of density   | ČSN EN 408+A1, cl. 7                                | Structural timber and glued laminated timber | A, D                            |
| 18.17 <sup>2</sup>          | Determination of the local modulus of elasticity in bending        | ČSN EN 408+A1, cl. 9                                | Structural timber and glued laminated timber | A, D                            |
| 18.18 <sup>2</sup>          | Determination of global modulus of elasticity in bending           | ČSN EN 408+A1, cl. 10                               | Structural timber and glued laminated timber | A, D                            |
| 18.19 <sup>2</sup>          | Determination of modulus of elasticity in shear                    | ČSN EN 408+A1, cl. 11.2                             | Structural timber and glued laminated timber | A, D                            |
| 18.20 <sup>2</sup>          | Determination of bending strength                                  | ČSN EN 408+A1, cl. 19                               | Structural timber and glued laminated timber | A, D                            |
| 18.21 <sup>2</sup>          | Determination of the tensile strength                              | ČSN EN 408+A1, cl. 13,16                            | Structural timber and glued laminated timber | A, D                            |
| 18.22 <sup>2</sup>          | Compression strength   | ČSN EN 408+A1, cl. 15,16                            | Structural timber and glued laminated timber | A, D                            |
| 18.23 <sup>2</sup>          | Determination of shear strength                                    | ČSN EN 408+A1, cl. 18                               | Structural timber and glued laminated timber | A, D                            |
| 18.24 <sup>2</sup>          | Quality testing of bonding   | ČSN EN 14374, annex B                               | Laminated wood                               | A, D                            |
| 18.25 <sup>2</sup>          | Quality testing of bonding   | ČSN EN 314-1  | Plywood                                      | A, D                            |
| 18.26 <sup>2</sup>          | Determination of shear strength                                    | ČSN EN 314-1  | Plywood, laths                               | A, D                            |
| <b>19</b>                   | <b>Other construction products</b>                                 |   |  |                                 |
| 19.1* <sup>2</sup>          | Static loading test  | ČSN EN 12566-3, annex C1, C2, C3, C4, C5            | Small wastewater treatment systems           | A, D                            |

## List of activities within the flexible scope of accreditation

| Ordinal number <sup>1</sup> | Test procedure / method name                                       | Test procedure / method identification <sup>2</sup>                | Tested subject   | Degrees of freedom <sup>3</sup> |
|-----------------------------|--|--|--|---------------------------------|
| 19.2 <sup>2</sup>           | Waterproofing determination  | ČSN EN 12566-1 ed. 2, annex A;<br>ČSN EN 12566-3, cl. 6.4, annex A | Small wastewater treatment systems   | A, D                            |
| 19.3 <sup>2</sup>           | Determination of permanent deformation                             | ČSN EN 124-1, cl. 8.2  | Gully tops and manhole tops for vehicular and pedestrian areas                   | A, D                            |
| 19.4 <sup>2</sup>           | Test of load bearing capacity                                      | ČSN EN 124-1, cl. 8.3  | Gully tops and manhole tops for vehicular and pedestrian areas                   | A, D                            |
| 19.5 <sup>2</sup>           | Measurement of design parameters                                   | ČSN EN 124-1, cl. 8.4, 8.5   | Gully tops and manhole tops for vehicular and pedestrian areas                   | A, D                            |
| 19.6 <sup>2</sup>           | Determination of deformation under force                           | ČSN EN 124-3, cl. 6.2  | Gully tops and manhole tops for vehicular and pedestrian areas                   | A, D                            |
| 19.7* <sup>2</sup>          | Determination of road surface macrotexture depth                   | ČSN EN 13036-1   | Road surfaces  | A, D                            |
| 19.8 <sup>2</sup>           | Determination of frost resistance                                  | ČSN EN 539-2   | Fired roofing tiles  | A, D                            |
| 19.9 <sup>2</sup>           | Determination of combustion heat by calorimetric method            | ČSN EN ISO 1716, except cl. 7.10                                   | Building products  | A, D                            |
| 19.10 <sup>1,2</sup>        | Determination of water-vapour transmission properties - Cup method | ČSN EN ISO 12572   | Building materials and products  | A, D                            |
| 19.11 <sup>2</sup>          | Determination of water content                                     | ČSN EN ISO 12570   | Building materials and products  | A, D                            |
| 19.12 <sup>1</sup>          | Determination of water vapour diffusion coefficient                | ČSN 72 7030  | Building materials   | A, D                            |
| 19.13 <sup>1</sup>          | Determination of water absorption                                  | ČSN EN 15801;<br>ČSN EN 16581, cl. 10.1, 10.2                      | Porous inorganic materials treated or untreated with hydrophobizing preparations | A, D                            |
| 19.14 <sup>1</sup>          | Waterproofing determination  | ČSN EN 16302;<br>ČSN EN 16581, cl. 10.7, 10.8                      | Porous inorganic materials treated or untreated with hydrophobizing preparations | A, D                            |

## List of activities within the flexible scope of accreditation

| Ordinal number <sup>1</sup> | Test procedure / method name                        | Test procedure / method identification <sup>2</sup> | Tested subject  | Degrees of freedom <sup>3</sup> |
|-----------------------------|---|---|---|---------------------------------|
| 19.15 <sup>1</sup>          | Determination of water vapour diffusion coefficient | ČSN EN 15803;<br>ČSN EN 16581,<br>cl. 10.3, 10.4    | Porous inorganic materials treated or untreated with hydrophobizing preparations                        | A, D                            |
| 19.16* <sup>2</sup>         | Determination of abrasion resistance                | ČSN EN ISO 5470-1                                   | Textiles, floor coverings, paints, varnishes, surfaces for sports areas, rubber granules, wood products | A, D                            |

<sup>1</sup> 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)

<sup>2</sup> 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 valid edition of the specified procedure is used (including any changes)

<sup>3</sup> degrees of freedom: A – Flexibility concerning materials/products (subject of the test), B – Flexibility concerning components/parameters/characteristics, C – Flexibility concerning the performance of the method, D – Flexibility concerning the method

The laboratory can modify the test procedures with the specified degree(s) of freedom in the scope of accreditation while maintaining the principle of measurement. If no degree of freedom is specified, the laboratory cannot apply a flexible approach to the scope of accreditation for the test.

### Explanations:

|          |   |
|----------|---|
| ASTM     | USA standard                              |
| DIN      | German Standard                           |
| EN       | European Standard                         |
| ETAG     | Guideline for European Technical Approval |
| FIFA     | Tests Method of Football association      |
| CHRL     | Chemical Deicing Agent                    |
| ISO      | International standard                    |
| MČOV     | Small wastewater treatment plants         |
| MZ ČR    | Ministry of Health of the Czech Republic  |
| PVC      | Polyvinyl chloride                        |
| PVC-U    | Unplasticized polyvinyl chloride          |
| SZ-xx-yy | Internal Procedure                        |