SNAS SLOVENSKÁ NÁRODNÁ AKREDITAČNÁ SLUŽBA

# CERTIFICATE
## OF ACCREDITATION

## No. S-045
dated 21.10.2026

The Slovak National Accreditation Service issues a Certificate of Accreditation to an accredited body pursuant to Section 26 par.6 of Act No. 53/2023 Coll. on Accreditation of Conformity Assessment Bodies (hereinafter referred to as the "Accreditation Act").

**Technický a skúšobný ústav stavebný, n.o.**
Studená 3, 821 04 Bratislava, Slovak Republic
ID Number: 31 821 987

**Organizational unit performing the activity of the Accredited Body:**
Testing Laboratory,

**Workplace of the Accredited Body:**
Testing Workplace Bratislava, Studená 3, 821 04 Bratislava
Testing Workplace Nové Mesto nad Váhom, Trenčianska 1875/12, 915 05 Nové Mesto nad Váhom
Testing Workplace Nitra, Braneckého 2, 949 01 Nitra
Testing Workplace Zvolen, Jesenského 15, 960 01 Zvolen
Testing Workplace Žilina, A. Rudnaya 90, 010 01 Žilina
Testing Workplace Košice, Krmanova 5, 040 01 Košice
Testing Workplace Prešov, Budovateľská 53, 080 01 Prešov
Testing Workplace Tatranská Štrba, Bellova 72/24, 059 41 Štrba - Tatranská Štrba

**Identification number of the Accredited Body:** 004/S-045

**Area of accreditation:** Testing laboratory

The accredited body demonstrated its competence to perform the accredited activity fulfilling the accreditation requirements of **ISO/IEC 17025: 2017** Standard when performing tests of construction products and building structures, sampling of fresh, hardened and sprayed concrete within the accreditation scope delineated in the Annex of this Certificate of Accreditation. The Annex shall form an integral part of the Certificate of Accreditation.

**Number and date of issue of the accreditation decision:** No. 004/12805/2026/1 dated 02.10.2026

**Validity of the accreditation decision:**
The accreditation decision No. 004/12805/2026/1 dated 02.10.2026 takes effect on 21.10.2026 and is valid until 21.12.2029.

SLOVENSKÁ NÁRODNÁ AKREDITAČNÁ SLUŽBA SNAS

Štefan Král
director

SNAS is signatory to the EA MLA and ILAC MRA.

record number: 12805/720216

**Annex to the Certificate of Accreditation No. S-045 dated 21.10.2026.**

*The Annex is an integral part of the Certificate of Accreditation*

# Scope of Accreditation

**Accredited body:** Building Testing and Research Institute, n. o.
Studená 3, 821 04 Bratislava, Slovak Republic

**Organizational unit and workplace performing the activity of the accredited body:**
Testing laboratory

**Place of performance of the accredited body:**
Testing workplace Bratislava (BA), Studená 967/3, 821 04 Bratislava, Slovak Republic
Testing workplace Nové Mesto nad Váhom (NM), Trenčianska 1875/12, 915 05 Nové Mesto nad Váhom, Slovak Republic
Testing workplace Nitra (NR), Braneckého 1522/2, 949 01 Nitra, Slovak Republic
Testing workplace Zvolen (ZV), Jesenského 15, 960 01 Zvolen, Slovak Republic
Testing workplace Žilina (ZA), A. Rudnaya 2372/90, 010 01 Žilina, Slovak Republic
Testing workplace Košice (KE), Krmanova 848/5, 040 01 Košice, Slovak Republic
Testing workplace Prešov (PO), Budovateľská 3625/53, 080 01 Prešov, Slovak Republic
Testing workplace Tatranská Štrba (TS), Bellova 72/24, 059 41 Štrba - Tatranská Štrba, Slovak Republic

**Identification number of the accredited body:** 004/S-045

**Laboratory with fixed scope**

| Item | Object | | Established method | | Other specifications (modification/validation, opinions/interpretations, workplace etc.) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Testing workplace | | | | | | | | |
| | Subject / Matrix / Environment | Property / Parameter / Indicator / Analyte | Principle / Kind / Type | Label | BA | NM | NR | ZV | ZA | KE | PO | TS | Place to perform |
| 1.1 | Aggregates and bulk thermal insulation materials | Particle size and content of fine grains | sieve analysis, weight measurement | STN EN 933-1 | X | X | X | X | | X | | | in the laboratory |
| 1.2 | | Flakiness index | sieve analysis, length measurement, weight measurement | STN EN 933-3 | X | X | X | X | | | | | |
| 1.3 | | Shape index | sieve analysis, length measurement, weight measurement | STN EN 933-4 | X | X | X | X | | X | | | |
| 1.4 | | Resistance to freezing and thawing | thermal stress, weight measurement | STN EN 1367-1 | | X | X | X | | | | | |
| 1.5 | | Resistance to abrasion | mechanical stress, sieve analysis, weight measurement | STN EN 1097-1 | X | | | | | | | | |

**Annex to the Certificate of Accreditation No. S-045 dated 21.10.2026.**

*The Annex is an integral part of the Certificate of Accreditation*

| Item | Object | | Established method | | Other specifications (modification/validation, opinions/interpretations, workplace etc.) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Testing workplace | | | | | | | | |
| | Subject / Matrix / Environment | Property / Parameter / Indicator / Analyte | Principle / Kind / Type | Label | BA | NM | NR | ZV | ZA | KE | PO | TS | Place to perform |
| 1.6 | Aggregates and bulk thermal insulation materials | Resistance to fragmentation | mechanical stress, sieve analysis, weight measurement | STN EN 1097-2 | X | X | X | | | | | | in the laboratory |
| 1.7 | | Particle density | weight measurement | STN EN 1097-6 | X | X | X | X | | X | | | |
| 1.8 | | Water absorption | weight measurement | | X | X | X | X | | X | | | |
| 1.9 | | Resistance to weathering | chemical stress, weight measurement | STN EN 1367-2 | X | | | | | | | | |
| 1.10 | | Alkali-aggregate expansion | chemical stress, titration, weight measurement, volume measurement | STN 72 1179 | X | | | | | | | | |
| 1.11 | | Drying shrinkage | length measurement | STN EN 1367-4 | X | | | | | | | | |
| 2.1 | Cement | Compressive strength | force measurement, length measurement | STN EN 196-1 | X | | | | | | | | in the laboratory |
| 2.2 | | Tensile strength in bending | force measurement, length measurement | STN EN 196-1 | X | | | | | | | | |
| 2.3 | | Start of setting | time measurement | STN EN 196-3<br>STN EN 413-2 | X | | | | | | | | |
| 2.4 | | End of setting | time measurement | STN EN 196-3<br>STN EN 413-2 | X | | | | | | | | |
| 2.5 | | Soundness | length measurement | STN EN 196-3 | X | | | | | | | | |
| 2.6 | | Indecomposable residue content | chemical stress (precipitation), gravimetry | STN EN 196-2 | X | | | | | | | | |
| 2.7 | | Loss on ignition | gravimetry | STN EN 196-2 | X | | | | | | | | |
| 2.8 | | Sulphate content (as $SO_3$) | chemical stress (precipitation) | STN EN 196-2 | X | | | | | | | | |
| 2.9 | | Chloride content | titration (volumetric analysis) | STN EN 196-2 | X | | | | | | | | |
| 2.10 | | Fineness of grinding (sieve residue) | sieve analysis, weight measurement | STN EN 196-6 | X | | | | | | | | |
| 2.11 | | Total carbonate content ($CaCO_3$) | gravimetry | STN EN 196-2 | X | | | | | | | | |
| 2.12 | | Alkali content | flame photometry, gravimetry | STN EN 196-2 | X | | | | | | | | |



SLOVENSKÁ NÁRODNÁ AKREDITAČNÁ SLUŽBA
SNAS

**Annex to the Certificate of Accreditation No. S-045 dated 21.10.2026.**

*The Annex is an integral part of the Certificate of Accreditation*

| Item | Object | | Established method | | Other specifications (modification/validation, opinions/interpretations, workplace etc.) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Testing workplace | | | | | | | | |
| | Subject / Matrix / Environment | Property / Parameter / Indicator / Analyte | Principle / Kind / Type | Label | BA | NM | NR | ZV | ZA | KE | PO | TS | Place to perform |
| 2.13 | Cement | Specific surface (Blaine) | time measurement, weight measurement | STN EN 196-6 | X | | | | | | | | in the laboratory |
| 2.14 | | Content of the water-soluble chromium Cr6+ | spectrophotometry after extraction | STN EN 196-10 | X | | | | | | | | |
| 3.1 | Concrete, concrete and reinforced concrete structures | Fresh concrete consistency | length measurement | STN EN 12350-2 | X | | | | X | | | | in the laboratory and on site |
| 3.2 | | | length measurement | STN EN 12350-5 | | | | | X | | | | |
| 3.3 | | | time measurement | STN EN 12350-3 | X | | | | | | | | |
| 3.4 | | Fresh concrete density | length measurement, weight measurement | STN EN 12350-6 | | | | | X | | | | |
| 3.5 | | Air content in fresh concrete | pressure distribution | STN EN 12350-7 | | | | | X | | | | |
| 3.6 | | Compressive strength of hardened concrete | force measurement, length measurement | STN EN 12390-3 | X | | X | X | X | X | X | | in the laboratory |
| 3.7 | | | | STN 73 1317 | | | | | X | | | | |
| 3.8 | | | | STN EN 12504-1 | X | | | X | X | | X | | |
| 3.9 | | Flexural strength | force measurement, length measurement | STN EN 12390-5 | X | | X | | X | | X | | |
| 3.10 | | Tensile splitting strength | force measurement, length measurement | STN EN 12390-6 | X | | X | | X | | X | | |
| 3.11 | | Hardened concrete density | length measurement, weight measurement | STN EN 12390-7 | X | X | X | X | X | X | X | | |
| 3.12 | | Depth of penetration of water under pressure | length measurement | STN EN 12390-8 | | X | | | X | | X | | |
| 3.13 | | Freeze-thaw resistance | thermal stress | STN 73 1322 | X | | X | | X | X | X | | |
| 3.14 | | Resistance of cement concrete surface to water and defrosting chemicals | thermal stress, chemical stress, length measurement, weight measurement | STN 73 1326 | X | X | X | | X | | X | | |
| 3.15 | | Secant modulus of elasticity in compression | force measurement, length measurement | STN EN 12390-13 | X | | | | | | X | | |
| 3.16 | | Concrete moisture content | weight measurement | STN 73 1316 | X | X | | | X | | X | | |
| 3.17 | | Tensile strength of surface layers of concrete | force measurement, length measurement | STN 73 6242 | | | | | X | | | | in the laboratory and on site |
| 3.18 | | Compressive strength - sclerometry | rebound number measurement | STN 73 1373<br>STN EN 12504-2 | | | | | X | | | | |

**Annex to the Certificate of Accreditation No. S-045 dated 21.10.2026.**

*The Annex is an integral part of the Certificate of Accreditation*

| Item | Object | | Established method | | Other specifications (modification/validation, opinions/interpretations, workplace etc.) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Testing workplace | | | | | | | | |
| | Subject / Matrix / Environment | Property / Parameter / Indicator / Analyte | Principle / Kind / Type | Label | BA | NM | NR | ZV | ZA | KE | PO | TS | Place to perform |
| 3.19 | Concrete, concrete and reinforced concrete structures | Compressive strength of young sprayed concrete (needle penetration) | force measurement | STN EN 14488-2 | | | | | X | | | | in the laboratory and on site |
| 3.20 | | Compressive strength of young sprayed concrete (nail pulling) | force measurement | STN EN 14488-2 | | | | | X | | | | |
| 4.1 | Fly ash for concrete, silica fume for concrete and ground granulated blast furnace slag for concrete, mortar and grout | Activity index - compressive strength | force measurement, length measurement | STN EN 196-1 | X | | | | | | | | in the laboratory |
| 4.2 | | Fineness by wet sieving | sieve analysis, length measurement | STN EN 451-2 | X | | | | | | | | |
| 4.3 | | Soundness | length measurement | STN EN 196-3<br>STN EN 450-1<br>STN EN 13263-1+A1 | X | | | | | | | | |
| 4.4 | | Free calcium oxide content | titration (volumetric analysis) | STN EN 451-1<br>STN EN 450-1<br>STN EN 13263-1+A1 | X | | | | | | | | |
| 4.5 | | Loss on ignition | gravimetry | STN EN 196-2<br>STN EN 450-1<br>STN EN 13263-1+A1 | X | | | | | | | | |
| 4.6 | | Total content of silicon dioxide, aluminium oxide and ferric oxide | titration (volumetric analysis) | STN EN 196-2<br>STN EN 450-1<br>STN EN 13263-1+A1 | X | | | | | | | | |
| 4.7 | | Total alkali content | flame photometry | STN EN 196-2<br>STN EN 450-1<br>STN EN 13263-1+A1 | X | | | | | | | | |
| 4.8 | | Active silicon dioxide content ($SiO_2$) | gravimetry | STN EN 196-2<br>STN EN 450-1<br>STN EN 13263-1+A1 | X | | | | | | | | |
| 4.9 | | Sulfur trioxide content | gravimetry | STN EN 196-2<br>STN EN 450-1<br>STN EN 13263-1+A1 | X | | | | | | | | |
| 4.10 | | Chloride content | titration (volumetric analysis) | STN EN 196-2<br>STN EN 450-1<br>STN EN 13263-1+A1 | X | | | | | | | | |

**Annex to the Certificate of Accreditation No. S-045 dated 21.10.2026.**

*The Annex is an integral part of the Certificate of Accreditation*

| Item | Object | | Established method | | Other specifications (modification/validation, opinions/interpretations, workplace etc.) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Testing workplace | | | | | | | | |
| | Subject / Matrix / Environment | Property / Parameter / Indicator / Analyte | Principle / Kind / Type | Label | BA | NM | NR | ZV | ZA | KE | PO | TS | Place to perform |
| 4.11 | Fly ash for concrete, silica fume for concrete and ground granulated blast furnace slag for concrete, mortar and grout | Active calcium oxide content (CaO) | titration (volumetric analysis) | STN EN 196-2<br>STN EN 450-1<br>STN EN 13263-1+A1 | X | | | | | | | | in the laboratory |
| 4.12 | | Magnesium oxide content | titration (volumetric analysis) | | X | | | | | | | | |
| 4.13 | | Start of setting | time measurement | STN EN 196-3 | X | | | | | | | | |
| 5.1 | Mortar for masonry and plasters | Bulk density of hardened mortar | length measurement, weight measurement | STN EN 1015-10 | X | | | | | | | | in the laboratory |
| 5.2 | | Compressive strength of hardened mortar | force measurement, length measurement | STN EN 1015-11 | X | | | | | | | | |
| 5.3 | | Adhesive strength of hardened mortar | force measurement, length measurement | STN EN 1015-12 | X | | | | | | | | |
| 5.4 | | Capillary absorption | weight measurement | STN EN 1015-18 | X | | | | | | | | |
| 5.5 | | Water soluble chloride content | titration (volumetric analysis) | STN EN 1015-17 | X | | | | | | | | |
| 5.6 | | Air content in fresh mortar | pressure distribution | STN EN 1015-7, method A | X | | | | | | | | |
| 6.1 | Binders, screed material and floor screeds | Compressive strength | force measurement, length measurement | STN EN 13892-2 | X | | | | | | | X | in the laboratory |
| 6.2 | | Flexural strength | force measurement, length measurement | STN EN 13892-2 | X | | | | | | | X | |
| 6.3 | Binders, screed material and floor screeds | Bond strength | force measurement, length measurement | STN EN 13892-8 | | | | | | | | X | in the laboratory |
| 6.4 | | Impact resistance | visual assessment | STN EN ISO 6272-1 | | | | | | | | X | |
| 7.1 | Unoccupied | | | | | | | | | | | | |
| 7.2 | Unoccupied | | | | | | | | | | | | |
| 7.3 | Unoccupied | | | | | | | | | | | | |

record number: 12805/720216



SLOVENSKÁ NÁRODNÁ AKREDITAČNÁ SLUŽBA
SNAS

**Annex to the Certificate of Accreditation No. S-045 dated 21.10.2026.**

*The Annex is an integral part of the Certificate of Accreditation*

| Item | Object | | Established method | | Other specifications (modification/validation, opinions/interpretations, workplace etc.) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Testing workplace | | | | | | | | |
| | Subject / Matrix / Environment | Property / Parameter / Indicator / Analyte | Principle / Kind / Type | Label | BA | NM | NR | ZV | ZA | KE | PO | TS | Place to perform |
| 7.4 | Products and systems for the protection and repair of concrete structures | Water vapour transmission | weight measurement | STN EN ISO 7783 | | | | | | | | X | in the laboratory |
| 7.5 | | $CO_2$ permeability | weight measurement | STN EN 1062-6 | | | | | | | | X | |
| 7.6 | | Capillary water absorption and waterproofing | weight measurement | STN EN 1062-3 | | | | | | | | X | |
| 7.7 | | Resistance to temperature changes | thermal stress, force measurement, length measurement | STN EN 13687-1 | | | | | | | | X | |
| 7.8 | | | | STN EN 13687-2 | | | | | | | | X | |
| 7.9 | | | | STN EN 13687-3 | | | | | | | | X | |
| 7.10 | Unoccupied | | | | | | | | | | | | |
| 7.11 | Products and systems for the protection and repair of concrete structures | Pull-off test to evaluate the adhesion | force measurement, length measurement | STN EN 1542 | X | | | | X | | | X | in the laboratory and on site |
| 7.12 | | Artificial ageing | thermal/chemical stress, visual assessment | STN EN 1062-11 | | | | | | | | X | in the laboratory |
| 7.13 | | Compressive strength | force measurement, length measurement | STN EN 12190 | | | | | | | | X | |
| 7.14 | Unoccupied | | | | | | | | | | | | |
| 8.1 | Fibres for concrete | Limit of proportionality (LOP) and residual flexural tensile strength | force measurement, length measurement | STN EN 14651+A1 | X | | | | | | | | in the laboratory |
| 8.2 | | Tensile strength and flexural modulus | force measurement, length measurement | STN EN ISO 6892-1 | X | | | | | | | | |
| 8.3 | | Concrete consistency | time measurement | STN EN 12350-3 | X | | | | | | | | |
| 9.1 | Natural stone products - standard tiles, slabs for floors and stairs, slabs, setts and curbs for external paving | Freeze-thaw resistance | thermal stress, length measurement, weight measurement | STN EN 12371 | | X | | | | | | | in the laboratory |

SLOVENSKÁ NÁRODNÁ AKREDITAČNÁ SLUŽBA SNAS

**Annex to the Certificate of Accreditation No. S-045 dated 21.10.2026.**

*The Annex is an integral part of the Certificate of Accreditation*

| Item | Object | | Established method | | Other specifications (modification/validation, opinions/interpretations, workplace etc.) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Testing workplace | | | | | | | | |
| | Subject / Matrix / Environment | Property / Parameter / Indicator / Analyte | Principle / Kind / Type | Label | BA | NM | NR | ZV | ZA | KE | PO | TS | Place to perform |
| 10.1 | Concrete precast units -paving blocks, tiles and curbs | Resistance to deicing salts | thermal stress, length measurement, weight measurement | STN EN 1338<br>STN EN 1339<br>STN EN 1340 | X | | | | | | | | in the laboratory |
| 10.2 | | Flexural strength | force measurement, length measurement | STN EN 1339<br>STN EN 1340 | X | | | | | | | | |
| 11.1 | Masonry and shuttering units and fittings | Dimensions | length measurement | STN EN 772-16 | X | X | | | | | | | in the laboratory |
| 11.2 | | Density | length measurement, weight measurement | STN EN 772-13 | X | | | | | | | | |
| 11.3 | | Compressive strength | force measurement, length measurement | STN EN 772-1+A1<br>STN 72 2606<br>STN EN 772-18 | X | | | | | | | | |
| 11.4 | Masonry and shuttering units and fittings | Cohesion (initial shear strength) | force measurement, length measurement | STN EN 1052-3 | X | | | | | | | | in the laboratory |
| 11.5 | | Tensile strength | force measurement, length measurement | STN EN 15435 | X | | | | | | | | |
| 11.6 | | Flexural strength | force measurement, length measurement | | X | | | | | | | | |
| 12.1 | Ancillary components for masonry – clips, draws, hangers, brackets and bed joint reinforcement of steel mesh | Tensile properties (tensile strength, yield strength, elongation, contraction) | force measurement | STN EN ISO 6892-1 | X | | | | | | | | in the laboratory |
| 12.2 | | Bond strength | force measurement | STN EN 846-2<br>STN EN 846-5<br>STN EN 846-6<br>STN EN 846-7 | X | | | | | | | | |
| 13.1 | Mortars, adhesives and waterproofing for tiles | Tensile adhesion strength | force measurement, length measurement | STN EN 12004-2 | X | | | | | | | X | in the laboratory |
| 13.2 | | Open time | time measurement | STN EN 12004-2 | | | | | | | | X | |
| 13.3 | | Transverse deformation | length measurement | STN EN 12004-2 | | | | | | | | X | |
| 13.4 | | Slip | length measurement | STN EN 12004-2 | | | | | | | | X | |
| 13.5 | | Depth of penetration of water under pressure | length measurement | STN EN 14891 | | | | | | | | X | |

record number: 12805/720216



SLOVENSKÁ NÁRODNÁ AKREDITAČNÁ SLUŽBA
SNAS

**Annex to the Certificate of Accreditation No. S-045 dated 21.10.2026.**

*The Annex is an integral part of the Certificate of Accreditation*

| Item | Object | | Established method | | Other specifications (modification/validation, opinions/interpretations, workplace etc.) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Testing workplace | | | | | | | | |
| | Subject / Matrix / Environment | Property / Parameter / Indicator / Analyte | Principle / Kind / Type | Label | BA | NM | NR | ZV | ZA | KE | PO | TS | Place to perform |
| 14.1 | Doors and windows | Air permeability | air flow measurement | STN EN 1026 | | | X | | | | | | in the laboratory |
| 14.2 | | Watertightness | visual assessment | STN EN 1027 | | | X | | | | | | |
| 14.3 | | Resistance to wind load | mechanical stress, length measurement | STN EN 12211 | | | X | | | | | | |
| 14.4 | | Thermal transmittance | calculation | STN EN ISO 10077-2<br>STN EN ISO 10077-1 | | | X | | | | | | |
| 15.1 | Timber prefabricated structural elements | Timber moisture | weight measurement | STN EN 13183-1<br>ISO 13061-1/A1<br>STN EN 322 | | | | X | | | | | in the laboratory |
| 15.2 | | | moisture measurement | STN EN 13183-2 | | | | X | | | | | |
| 16.1 | Timber structures | Bearing capacity and deformation | force measurement, length measurement | STN EN 380<br>STN EN 26891 | | | | X | | | | | in the laboratory |
| 16.2 | | Racking strength and stiffness of timber frame wall panels | force measurement, length measurement | STN EN 594 | | | | X | | | | | |
| 17.1 | Glued laminated timber and glued solid timber | Bonding strength (Wedge bond strength; Lamellas bending strength) | force measurement, length measurement | STN EN 408 | | | | X | | | | | in the laboratory |
| 17.2 | | Durability of bonding strength - delamination (or Integrity of the bonded joint of lamellas of glued laminated timber and glued solid timber) | length measurement | STN EN 14080 | | | | X | | | | | |
| 17.3 | | Durability of bonded joint - glued timber moisture | moisture measurement, length measurement | STN EN 13183-2<br>STN EN 13183-1 | | | | X | | | | | |
| 17.4 | | Durability of bonding strength - shear strength of bonded joint | force measurement, qualitative (visual assessment) | STN EN 14080 | | | | X | | | | | |

record number: 12805/720216



SLOVENSKÁ NÁRODNÁ AKREDITAČNÁ SLUŽBA SNAS

**Annex to the Certificate of Accreditation No. S-045 dated 21.10.2026.**

*The Annex is an integral part of the Certificate of Accreditation*

| Item | Object | | Established method | | Other specifications (modification/validation, opinions/interpretations, workplace etc.) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Testing workplace | | | | | | | | |
| | Subject / Matrix / Environment | Property / Parameter / Indicator / Analyte | Principle / Kind / Type | Label | BA | NM | NR | ZV | ZA | KE | PO | TS | Place to perform |
| 18.1 | Structural solid timber with wedge bond | Bonding strength (Lamellas wedge bond strength) | force measurement, length measurement | STN EN 408 | | | | X | | | | | in the laboratory |
| 18.2 | | Durability of bonded joint - glued timber moisture | moisture measurement, weight measurement | STN EN 13183-2<br>STN EN 13183-1 | | | | X | | | | | |
| 19.1 | Glass in construction | Resistance to pendulum impact | weight measurement | STN EN 12600 | | | | X | | | | | in the laboratory |
| 20.1 | Flexible sheets for waterproofing | Watertightness | visual assessment | STN EN 1928<br>STN EN 1297<br>STN EN 1296<br>STN EN 1847<br>STN EN 1548<br>STN EN 13859-1<br>STN EN 13859-2<br>STN EN 13967<br>STN EN 13984<br>STN EN 14909 | | | | | | | | X | in the laboratory |
| 20.2 | | Resistance to water penetration | weight measurement | STN EN 13111<br>STN EN 1297<br>STN EN 1296<br>STN EN 13859-1<br>STN EN 13859-2 | | | | | | | | X | |
| 20.3 | | Tensile properties (max. tensile force, elongation) | force measurement, length measurement | STN EN 12311-1<br>STN EN 1297<br>STN EN 1296<br>STN EN 13859-1<br>STN EN 13859-2 | | | | | | | | X | |
| 20.4 | | Tensile properties (max. tensile force, tensile stress, elongation) | force measurement, length measurement | STN EN 12311-2<br>STN EN 1297<br>STN EN 1296 | | | | | | | | X | |
| 20.5 | | Shear strength of joints | force measurement, length measurement | STN EN 12317-2<br>STN EN 1296<br>STN EN 1847 | | | | | | | | X | |
| 20.6 | | Peel resistance of joints | force measurement, length measurement | STN EN 12316-2<br>STN EN 1296<br>STN EN 1847 | | | | | | | | X | |



SLOVENSKÁ NÁRODNÁ AKREDITAČNÁ SLUŽBA
SNAS

**Annex to the Certificate of Accreditation No. S-045 dated 21.10.2026.**

*The Annex is an integral part of the Certificate of Accreditation*

| Item | Object | | Established method | | Other specifications (modification/validation, opinions/interpretations, workplace etc.) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Testing workplace | | | | | | | | Place to perform |
| | Subject / Matrix / Environment | Property / Parameter / Indicator / Analyte | Principle / Kind / Type | Label | BA | NM | NR | ZV | ZA | KE | PO | TS | |
| 20.7 | Flexible sheets for waterproofing | Flexibility at low temperature | visual assessment | STN EN 1109<br>STN EN 1296 | | | | | | | | X | in the laboratory |
| 20.8 | | Flexibility at low temperature | visual assessment | STN EN 495-5<br>STN EN 1296 | | | | | | | | X | |
| 20.9 | | Impact resistance | visual assessment | STN EN 12691 | | | | | | | | X | |
| 20.10 | | Resistance to tearing | force measurement | STN EN 12310-1<br>STN EN 1296<br>STN EN 13859-1<br>ST NEN 13859-2 | | | | | | | | X | |
| 20.11 | | | | STN EN 12310-2 | | | | | | | | X | |
| 20.12 | | Resistance to static loading | visual assessment | STN EN 12730 | | | | | | | | X | |
| 20.13 | | Water vapour transmission | weight measurement | STN EN ISO 12572<br>STN EN 13859-1<br>ST NEN 13859-2 | | | | | | | | X | |
| 20.14 | | | | STN EN 1931<br>STN EN 1296<br>STN EN 13984<br>STN EN 13859-1<br>STN EN 13859-2 | | | | | | | | X | |
| 20.15 | | Dimensional stability | length measurement | STN EN 1107-2 | | | | | | | | X | |
| 20.16 | | Mass per unit area, thickness | length measurement, weight measurement | STN EN 1849-2 | | | | | | | | X | |
| 21.1 | Reinforcing bars, rods, welded meshes and spatial (latticed) reinforcement | Dimensions | length measurement | STN EN ISO 15630-1 | | | | | | | X | | in the laboratory |
| 21.2 | | Bend and rebend | visual assessment | STN EN ISO 15630-1 | X | | | | | | X | | |
| 21.3 | | Anchorage strength | force measurement | STN EN 10080<br>ISO 10406-1 | X | | | | | | | | |
| 21.4 | | Tensile properties (tensile strength, yield strength, ductility) | force measurement | STN EN ISO 15630-1 | X | | | | | | X | | |
| 21.5 | | | force measurement | STN EN ISO 15630-2 | X | | | | | | X | | |

**Annex to the Certificate of Accreditation No. S-045 dated 21.10.2026.**

*The Annex is an integral part of the Certificate of Accreditation*

| Item | Object | | Established method | | Other specifications (modification/validation, opinions/interpretations, workplace etc.) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Testing workplace | | | | | | | | |
| | Subject / Matrix / Environment | Property / Parameter / Indicator / Analyte | Principle / Kind / Type | Label | BA | NM | NR | ZV | ZA | KE | PO | TS | Place to perform |
| 21.6 | Reinforcing bars, rods, welded meshes and spatial (latticed) reinforcement | Tensile properties (tensile strength, ductility, modulus of elasticity) | force measurement | ISO 10406-1 | X | | | | | | | | in the laboratory |
| 21.7 | | Shear strength of the welded joint | force measurement | STN EN ISO 15630-2 | X | | | | | | X | | |
| 21.8 | | Nominal weight | weight measurement | STN EN 10080 | X | | | | | | X | | |
| 22.1 | Prestressing products - wires, ropes and rods, plastic coatings of ropes | Tensile properties (tensile strength, yield strength, ductility, modulus of elasticity) | force measurement, length measurement | STN EN 15630-3 | X | | | | | | | | in the laboratory |
| 22.2 | | Relaxation | force measurement, length measurement | STN EN 15630-3 | X | | | | | | | | |
| 22.3 | | Nominal mass per metre | weight measurement | STN EN 15630-3 | X | | | | | | | | |
| 22.4 | | Corrosion resistance of a mechanically stressed specimen in a tensoactive thiocyanate environment | chemical stress, force measurement, length measurement | STN EN ISO 15630-3 | X | | | | | | | | |
| 22.5 | | Transverse tensile test of a deflected specimen | force measurement, length measurement | STN EN ISO 15630-3 | X | | | | | | | | |
| 23.1 | Thermal insulation products | Length and width | length measurement | STN EN ISO 29465 | | | X | | | | | X | in the laboratory |
| 23.2 | | Thickness | length measurement | STN EN ISO 29466 | | | X | | | | | X | |
| 23.3 | | | length measurement | STN EN ISO 29770 | | | X | | | | | | |
| 23.4 | | Squareness | length measurement | STN EN 824 | | | X | | | | | | |
| 23.5 | | Flatness | length measurement | STN EN ISO 29468 | | | X | | | | | | |
| 23.6 | | Density | length measurement, weight measurement | STN EN ISO 29470 | | | X | | | | | X | |
| 23.7 | | Compressive properties (compressive strength, compression, stress at 10% deformation, modulus of elasticity) | force measurement, length measurement | STN EN ISO 29469 | | | X | | | | | X | |
| 23.8 | | Dimensional stability under specified temperature and humidity conditions | length measurement | STN EN 1604 | | | X | | | | | | |
| 23.9 | | Deformation under specified compressive load and temperature conditions | length measurement | STN EN 1605 | | | X | | | | | | |
| 23.10 | | Tensile strength perpendicular to faces | force measurement, length measurement | STN EN 1607 | | | X | | | | | | |

SLOVENSKÁ NÁRODNÁ AKREDITAČNÁ SLUŽBA SNAS

**Annex to the Certificate of Accreditation No. S-045 dated 21.10.2026.**

*The Annex is an integral part of the Certificate of Accreditation*

| Item | Object | | Established method | | Other specifications (modification/validation, opinions/interpretations, workplace etc.) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Testing workplace | | | | | | | | |
| | Subject / Matrix / Environment | Property / Parameter / Indicator / Analyte | Principle / Kind / Type | Label | BA | NM | NR | ZV | ZA | KE | PO | TS | Place to perform |
| 23.11 | Thermal insulation products | Short term water absorption | weight measurement, length measurement, time measurement | STN EN ISO 29767 | | | X | | | | | | in the laboratory |
| 23.12 | | Water vapour transmission | weight measurement, length measurement, time measurement | STN EN 12086 | | | X | | | | | | |
| 23.13 | | Long term water absorption | weight measurement, length measurement, time measurement | STN EN ISO 16535 | | | X | | | | | | |
| 23.14 | | Bending properties (bending strength, bending stress, deflection | force measurement, length measurement | STN EN 12089 | | | X | | | | | | |
| 23.15 | | Shear properties (shear strength, shear modulus | force measurement, length measurement | STN EN 12090 | | | X | | | | | | |
| 23.16 | | Thermal resistance and thermal conductivity | heat flow density measurement | STN EN 12667 | | | X | | | | | | |
| 24.1 | Thermal insulation systems ETICS | Hygrothermal behaviour | temperature measurement | EAD 040083-01-0404<br>EAD 040089-00-0404<br>EAD 040287-00-0404<br>EAD 040427-00-0404<br>EAD 040465-00-0404 | X | | | | | | | | in the laboratory |
| 24.2 | | Water absorption - capillarity test | weight measurement | EAD 040083-01-0404<br>EAD 040089-00-0404<br>EAD 040287-00-0404<br>EAD 040427-00-0404<br>EAD 040465-00-0404 | X | | | | | | | X | |
| 24.3 | | Resistance to hard body impact | length measurement | EAD 040083-01-0404<br>EAD 040089-00-0404<br>EAD 040465-00-0404 | X | | | | | | | | |
| 24.4 | | Water vapour permeability | time measurement, length measurement, weight measurement | EAD 040083-01-0404<br>EAD 040089-00-0404<br>EAD 040465-00-0404 | | | | | | | | X | |

record number: 12805/720216



SLOVENSKÁ NÁRODNÁ AKREDITAČNÁ SLUŽBA SNAS

**Annex to the Certificate of Accreditation No. S-045 dated 21.10.2026.**

*The Annex is an integral part of the Certificate of Accreditation*

| Item | Object | | Established method | | Other specifications (modification/validation, opinions/interpretations, workplace etc.) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Testing workplace | | | | | | | | Place to perform |
| | Subject / Matrix / Environment | Property / Parameter / Indicator / Analyte | Principle / Kind / Type | Label | BA | NM | NR | ZV | ZA | KE | PO | TS | |
| 24.5 | Thermal insulation systems ETICS | Bond strength | force measurement, length measurement | EAD 040083-01-0404<br>EAD 040089-00-0404<br>EAD 040287-00-0404<br>EAD 040427-00-0404<br>EAD 040465-00-0404 | X | | | | | | | X | in the laboratory |
| 24.6 | | Pull-through test of fixings | force measurement | EAD 040083-01-0404<br>EAD 040089-00-0404<br>EAD 040465-00-0404 | X | | | | | | | | |
| 24.7 | | Static test of the foam block | force measurement, length measurement | EAD 040083-01-0404<br>EAD 040089-00-0404<br>EAD 040465-00-0404 | X | | | | | | | | |
| 24.8 | | Tensile properties of reinforcing mesh | force measurement, length measurement | EAD 040016-01-0404<br>EAD 040083-01-0404 | | | | | | | | X | |
| 24.9 | | Render strip tensile test | length measurement | EAD 040083-01-0404<br>EAD 040465-00-0404 | | | | | | | | X | |
| 24.10 | | Static modulus of mortar strip | force measurement, length measurement | EAD 040083-01-0404<br>EAD 040287-00-0404<br>EAD 040427-00-0404 | | | | | | | | X | |
| 24.11 | | Ash content | gravimetry, weight measurement | EAD 040016-01-0404<br>EAD 040083-01-0404<br>EAD 040089-00-0404<br>EAD 040287-00-0404<br>EAD 040427-00-0404<br>EAD 040465-00-0404 | X | | | | | | | X | |
| 24.12 | | Dry matter content | gravimetry, weight measurement | EAD 040083-01-0404<br>EAD 040089-00-0404<br>EAD 040287-00-0404<br>EAD 040427-00-0404<br>EAD 040465-00-0404 | X | | | | | | | | |
| 24.13 | | Particle size | sieve analysis, weight measurement | EAD 040083-01-0404<br>EAD 040089-00-0404<br>EAD 040287-00-0404<br>EAD 040427-00-0404<br>EAD 040465-00-0404 | X | | | | | | | | |

SLOVENSKÁ NÁRODNÁ AKREDITAČNÁ SLUŽBA SNAS

**Annex to the Certificate of Accreditation No. S-045 dated 21.10.2026.**

*The Annex is an integral part of the Certificate of Accreditation*

| Item | Object | | Established method | | Other specifications (modification/validation, opinions/interpretations, workplace etc.) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Testing workplace | | | | | | | | |
| | Subject / Matrix / Environment | Property / Parameter / Indicator / Analyte | Principle / Kind / Type | Label | BA | NM | NR | ZV | ZA | KE | PO | TS | Place to perform |
| 24.14 | Thermal insulation systems ETICS | Density | length measurement, weight measurement | EAD 040083-01-0404<br>EAD 040089-00-0404<br>EAD 040287-00-0404<br>EAD 040427-00-0404<br>EAD 040465-00-0404 | X | | | | | | | | in the laboratory |
| 24.15 | | Fixing strength transverse displacement test | length measurement | EAD 040083-01-0404<br>EAD 040465-00-0404 | X | | | | | | | | |
| 25.1 | Paints and varnishes | Non-volatile-matter content | weight measurement | STN EN ISO 3251 | | | | | | | | X | in the laboratory |
| 25.2 | | Film thickness | length measurement | STN EN ISO 2808, method 4B, 6B | | | | | | | | X | |
| 25.3 | Unoccupied | | | | | | | | | | | | |
| 25.4 | Paints and varnishes | Corrosion resistance | chemical stress, visual assessment | STN EN ISO 6270-1<br>STN EN 12944-6 | | | | | | | | X | in the laboratory |
| 25.5 | | | chemical stress, visual assessment | STN EN ISO 9227<br>STN EN 12944-6 | | | | | | | | X | |
| 25.6 | | | visual assessment | STN EN ISO 2812-2<br>STN EN 12944-6 | | | | | | | | X | |
| 25.7 | Unoccupied | | | | | | | | | | | | |
| 25.8 | Paints and varnishes | Pull-off test for adhesion | chemical stress, thermal stress, visual assessment | STN EN ISO 4624 | | | | | | | | X | in the laboratory |
| 25.9 | | Water absorption | weight measurement | STN EN 927-5 | | | | | | | | X | |
| 25.10 | Unoccupied | | | | | | | | | | | | |
| 25.11 | Paints and varnishes | Adhesion – Cross-cut test | visual assessment | STN EN ISO 2409 | | | | | | | | X | in the laboratory |
| 26.1 | Surface treatment of components and structures | Adhesion of building construction coating to the base | force measurement, length measurement | STN 73 2577 | | | | | X | | | X | in the laboratory |
| 26.2 | | Watertightness of surface finish of building structures | length measurement | STN 73 2578 | | | | | | | | X | |
| 26.3 | | Frost resistance of surface finish of building structures | force measurement, length measurement | STN 73 2579 | | | | | | | | X | |

**Annex to the Certificate of Accreditation No. S-045 dated 21.10.2026.**

*The Annex is an integral part of the Certificate of Accreditation*

| Item | Object | | Established method | | Other specifications (modification/validation, opinions/interpretations, workplace etc.) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Subject / Matrix / Environment | Property / Parameter / Indicator / Analyte | Principle / Kind / Type | Label | Testing workplace | | | | | | | | Place to perform |
| | | | | | BA | NM | NR | ZV | ZA | KE | PO | TS | |
| 27.1 | Building structures and components | Dimensions | length measurement | STN EN 846-11 | X | | | | | | | | in the laboratory |
| 27.2 | | Bearing capacity of building components and structures | force measurement, length measurement | STN 73 2030 | X | | | | | | | | in the laboratory and on site |
| 27.3 | | | | STN EN 124-1 | | | | | | | X | | in the laboratory |
| 27.4 | | | | STN EN 846-9 | X | | | | | | | | |
| 28.1 | Bridges | Static functionality | load test (length measurement) | STN 73 6209 | X | | | | | | X | | on site |
| 28.2 | | Dynamic functionality | load test (length measurement) | STN ISO 4866<br>STN EN 1990<br>STN 73 6209 | X | | | | | | | | |
| 29.1 | Unoccupied | | | | | | | | | | | | |
| 29.2 | Unoccupied | | | | | | | | | | | | |
| 29.3 | Unoccupied | | | | | | | | | | | | |
| 29.4 | Pile foundations and ground rock anchors | Bearing capacity | load test (force measurement, length measurement) | STN EN 1537<br>STN EN ISO 22477-5 | | | | | | | X | | on site |
| 29.5 | | | | STN EN ISO 22477-1 | | | | | | | X | | |
| 29.6 | | | | STN EN ISO 22477-2 | | | | | | | X | | |
| 30.1 | Road traffic noise reducing devices | Danger of falling debris | visual assessment, length measurement, weight measurement | STN EN 1794-2 | X | | | | | | | | in the laboratory |
| 30.2 | | Resistance to impact of stones | visual assessment, length measurement | STN EN 1794-1+AC | X | | | | | | | | |
| 31.1 | Soils | Concretion degree | load test (force measurement, length measurement) | STN 73 6190 | | | | | X | | | | on site |
| 31.2 | | Bearing capacity | load test (length measurement) | STN 73 6192 | | | | | X | | | | |
| 32.1 | Small wastewater treatment systems for up to 50 PT and water and sewage tanks | Watertightness | visual assessment, length measurement, volume measurement | STN EN 12566-1<br>STN EN 12566-3 | | | | | X | | | | in the laboratory and on site |
| 32.2 | | | length measurement | STN 75 0905 | | | | | X | | | | |

record number: 12805/720216



SLOVENSKÁ NÁRODNÁ AKREDITAČNÁ SLUŽBA SNAS

**Annex to the Certificate of Accreditation No. S-045 dated 21.10.2026.**

*The Annex is an integral part of the Certificate of Accreditation*

| Item | Object | | Established method | | Other specifications (modification/validation, opinions/interpretations, workplace etc.) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Testing workplace | | | | | | | | |
| | Subject / Matrix / Environment | Property / Parameter / Indicator / Analyte | Principle / Kind / Type | Label | BA | NM | NR | ZV | ZA | KE | PO | TS | Place to perform |
| 33.1 | Sealants | Elastic recovery | length measurement | STN EN ISO 7389 | | | | | | | | X | in the laboratory |
| 33.2 | | Flowability in the groove | length measurement | STN EN ISO 7390 | | | | | | | | X | |
| 33.3 | | Tensile properties at maintained extension | mechanical stress, visual assessment | STN EN ISO 8340<br>STN EN 15651-1<br>STN EN 15651-2<br>STN EN 15651-4 | | | | | | | | X | |
| 33.4 | | Adhesion/cohesion at constant temperature | mechanical stress, visual assessment | STN EN ISO 9046 | | | | | | | | X | |
| 33.5 | | Adhesion/cohesion at variable temperatures | mechanical stress, thermal stress, visual assessment | STN EN ISO 9047 | | | | | | | | X | |
| 33.6 | | Adhesion/cohesion at maintained extension after immersion in water | mechanical stress, visual assessment | STN EN ISO 10590 | | | | | | | | X | |
| 33.7 | | Adhesion/cohesion after immersion in water – relative elongation | mechanical stress, visual assessment | STN EN ISO 10591 | | | | | | | | X | |
| 33.8 | | Change in volume | thermal stress, weight measurement | STN EN ISO 10563 | | | | | | | | X | |
| 33.9 | | Secant modulus | force measurement, length measurement | STN EN ISO 8339<br>STN EN 15651-1<br>STN EN 15651-2<br>STN EN 15651-4 | | | | | | | | X | |
| 33.10 | | Elongation at break | force measurement, length measurement | STN EN ISO 8339 | | | | | | | | X | |
| 34.1 | Plastics | Tensile properties (tensile strength, elongation) | force measurement, length measurement | STN EN ISO 527-1<br>STN EN ISO 527-2<br>STN EN ISO 527-3 | | | | | | | | X | in the laboratory |



SLOVENSKÁ NÁRODNÁ AKREDITAČNÁ SLUŽBA
SNAS

**Annex to the Certificate of Accreditation No. S-045 dated 21.10.2026.**

*The Annex is an integral part of the Certificate of Accreditation*

| Item | Object | | Established method | | Other specifications (modification/validation, opinions/interpretations, workplace etc.) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Testing workplace | | | | | | | | |
| | Subject / Matrix / Environment | Property / Parameter / Indicator / Analyte | Principle / Kind / Type | Label | BA | NM | NR | ZV | ZA | KE | PO | TS | Place to perform |
| 35.1 | Mixing water for concrete | Compressive strength | force measurement, length measurement | STN EN 196-1 | X | | | | | | | | in the laboratory |
| 35.2 | | Start of setting | time measurement | STN EN 196-3<br>STN EN 413-2 | X | | | | | | | | |
| 35.3 | | End of setting | time measurement | STN EN 196-3<br>STN EN 413-2 | X | | | | | | | | |
| 35.4 | | Sulphate content ($SO_3$) | chemical stress (precipitation), gravimetry | STN EN 196-2 | X | | | | | | | | |
| 35.5 | | Alkali content | flame photometry | STN EN 196-2 | X | | | | | | | | |
| 36.1 | Construction products | Reaction to fire | measurement of skills to contribute to the spread of fire | STN EN ISO 11925-2<br>STN EN 13238<br>STN P CEN/TS 15447<br>STN EN 13501-1 | | | | | | | | X | in the laboratory |

## Sampling

| Item | Object | | | Method | | Other specification | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Testing workplace | | | | | | | |
| | Subject | Property | Place of sampling | Type / Principle | Label | BA | NM | NR | ZV | ZA | KE | PO | TS |
| 1 | Fresh concrete | items 3.1 ÷ 3.16 | construction, manufacturing plant (on site) | sampling with a sampling shovel or comparable device into cement slurry resistant containers | STN EN 12350-1 | | | | | X | | | |
| 2 | Hardened concrete | items 3.6 ÷ 3.16 | construction (on site) | core drilling | STN EN 12504-1 | | | | | X | | | |
| 3 | Sprayed concrete | items 3.19, 3.20 | construction (on site) | core drilling | STN EN 14488-1 | | | | | X | | | |

## Annex to the Certificate of Accreditation No. S-045 dated 21.10.2026.

*The Annex is an integral part of the Certificate of Accreditation*

**Note:**

Notifying authority: Ministry of Transport of the Slovak Republic. In support of the manufacturer's declaration of performance in system 3 (III) according to Regulation of the European Parliament and Council no. 305/2011 (Act NR SR No. 133/2013 Coll. and Decree of the Ministry of Transport, Construction and Regional Development of the SR No. 162/2013) for the tests listed in the following table:

| Established method | Item | Established method | Item | Established method | Item |
|---|---|---|---|---|---|
| STN EN 197-1 | 2.1, 2.3 ÷ 2.9 | STN EN 771-5 | 11.1, 11.2 | EAD 040427-00-0404 | 24.1, 24.2, 24.5, 24.10 ÷ 24.14 |
| STN EN 413-1 | 2.1, 2.3 ÷ 2.10 | STN EN 14080 | 17.2, 17.4 | EAD 040465-00-0404 | 24.1 ÷ 24.7, 24.9, 24.11 ÷ 24.15 |
| STN EN 14216 | 2.1, 2.3 ÷ 2.9 | STN EN 13859-1 | 20.1, 20.2, 20.3, 20.10, 20.13, 20.14 | EAD 040016-01-0404 | 24.8, 24.11 |
| STN EN 15743 | 2.1, 2.3 ÷ 2.9 | STN EN 13859-2 | 20.1, 20.2, 20.3, 20.10, 20.13, 20.14 | STN EN 12566-1 | 32.1 |
| STN EN 450-1 | 4.1 ÷ 4.13 | STN EN 13969 | 20.1 | STN EN 12566-3 | 32.1 |
| STN EN 13263-1 | 4.1 ÷ 4.13 | STN EN 13967 | 20.1 | STN EN 15651-1 | 33.3, 33.9 |
| STN EN 15167 | 4.1 ÷ 4.13 | STN EN 13984 | 20.1 | STN EN 15651-2 | 33.3, 33.9 |
| STN EN 771-1 | 11.1, 11.2 | STN EN 14909 | 20.1 | STN EN 15651-4 | 33.3, 33.9 |
| STN EN 771-2 | 11.1, 11.2 | EAD 040083-01-0404 | 24.1 ÷ 24.15 | STN EN ISO 11925-2 | 36.1 |
| STN EN 771-3 | 11.1, 11.2 | EAD 040089-00-0404 | 24.1 ÷ 24.7, 24.11 ÷ 24.14 | | |
| STN EN 771-4 | 11.1, 11.2 | EAD 040287-00-0404 | 24.1, 24.2, 24.5, 24.10 ÷ 24.14 | | |

***