



Accreditation number **STS 102**
Accreditation standard ISO/IEC 17025:2005

STS Directory

page 1 of 17

Testing laboratory for concrete, mortar, seals, joint-sealants, bituminous materials and binders, aggregates, in situ tests, geotextiles and geotextile-related products

Tecnotest SA
Alemannenweg 4
8803 Rüschnikon

Head:
Responsible person for MS:
Telephone:
Telefax:
E-Mail:
Internet:
First accreditation (d,m,y):
Last accreditation (d,m,y):
Updated version:

Aldo Rancati
Max Seeberger
+41 44 72 43 600
+41 44 72 43 601
mailto:info@tecnotest.ch
<http://www.tecnotest.ch>
28.02.1995
17.02.2010
www.sas.ch (accredited bodies)

Scope of accreditation in July 2011

Group of products or materials, field of activity	Principle of measurement ²⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
Various tests with multiple applications: building materials, buildings, water, wood, plastics, etc.	Endoscopic examinations according to norm: Engineering structures in connection with roads - inspection and test	DIN 1076
	Determination of water content - Determination by oven dry method (sawn timber)	SN EN 13183-1 resp. SIA 164.525, modified procedure
	Determination of moisture content by drying at elevated temperature; Hygrothermal performance of building materials and products	SN EN ISO 12570 resp. SIA 180.214
	Determination of the water content of building materials	ZTV-ING - Additional technical contract clauses and guidelines for civil engineering

1) Type A: It is not allowed to change the scope
2) Type B: Optimizing defined test methods (adapt to client's needs, adapted standards) is allowed
3) Type C: Introduction of additional test methods for the different types of tests is allowed



Accreditation number **STS 102**
Accreditation standard ISO/IEC 17025:2005

STS Directory

page 2 of 17

Group of products or materials, field of activity	Principle of measurement ²⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
(Hardened) concrete	Microscopic examinations on thin sections according to norm: Standard Practice for Petrographic Examination (Hardened Concrete)	ASTM C856-95, modified procedure
	Determination of the thermal elongation	In-house procedure
	Determination of the swelling	In-house procedure
	Determination of the porosity	SIA 162/1, test nr. 07, abrogated norm resp. SIA 562 162/1
	Determination of the Freeze Cycling	SIA 162/1, test nr. 08, abrogated norm, resp. SIA 562 162/1
	Quantitative determination of chloride content in concrete (hot Nitric acid digestion)	SN EN 14629
	Determination of water infiltration rate	SIA 262/1 appendix A resp. SN 505 262/1
	Determination of the Freeze-thaw resistance	SIA 262/1 appendix C resp. SN 505 262/1
	Determination of (creep) and shrinkage	SIA 262/1 appendix F resp. SN 505 262/1
Determination of the Elastic Moduli	SIA 262/1 appendix G resp. SN 505 262/1	

- 1) Type A: It is not allowed to change the scope
- 2) Type B: Optimizing defined test methods (adapt to client's needs, adapted standards) is allowed
- 3) Type C: Introduction of additional test methods for the different types of tests is allowed



Accreditation number **STS 102**
Accreditation standard ISO/IEC 17025:2005

STS Directory

page 3 of 17

Group of products or materials, field of activity	Principle of measurement ²⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
(Hardened) concrete	<p>Determination of the freeze and freeze-thaw resistance BE I (concrete surface layer) according to norm: Concrete ceiling - Test method to determination frost resistance and frostde-icing</p> <p>Compressive Strength of test specimens</p> <p>Determination of Textural strength of test specimens</p> <p>Determination of Tensile splitting strength of test specimens</p> <p>Determination of Density of hardened concrete</p> <p>Measurement of bond strength by pull-off (of protection systems and repair products)</p> <p>Determination of water absorption coefficient by partial immersion (ISO 15148:2002) according to norm: Hygrothermal performance of building materials and products</p>	<p>SN 640 464</p> <p>SN EN 12390-3 resp. SIA 262.253</p> <p>SN EN 12390-5 resp. SIA 262.255</p> <p>SN EN 12390-6 resp. SIA 262.256</p> <p>SN EN 12390-7 resp. SIA 262.257</p> <p>SN EN 1542 resp. SIA 162.421</p> <p>SN EN ISO 15148 SN EN 1062/3</p>
Fresh concrete and mortar	<p>Determination of the density and cement content</p> <p>Determination of the water content of freshly mixed concrete</p> <p>Slump test</p>	<p>SIA 162/1, test nr. 18, abrogated norm resp. SN 562 162/1</p> <p>SIA 262/1 appendix H resp. SN 505 262/1</p> <p>SN EN 12350-2 resp. SIA 262.232</p>

1) Type A: It is not allowed to change the scope
2) Type B: Optimizing defined test methods (adapt to client's needs, adapted standards) is allowed
3) Type C: Introduction of additional test methods for the different types of tests is allowed



Accreditation number STS 102
Accreditation standard ISO/IEC 17025:2005

STS Directory

page 4 of 17

Group of products or materials, field of activity	Principle of measurement ²⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
Fresh concrete and mortar	Determination of degree of compactability	SN EN 12350-4 resp. SIA 262.234
	Flow table test	SN EN 12350-5 resp. SIA 262.235
	Determination of air content; Pressure methods	SN EN 12350-7 resp. SIA 262.237
Concrete structures and elements	Taking, examining and testing in compression cored specimens of concrete in structures	SN EN 12504-1 resp. SIA 262.213
Concrete and mortar: in situ tests	Determination of carbonation depth in concrete	SN EN 14630
	Measurement of the opening of cracks according to norm: concrete conservation according to norm: concrete conservation	SIA 162/5 resp. SN 562 162/5
	Measurement of the concrete cover according to norm: concrete conservation	SIA 162/5 resp. SN 562 162/5
	Execution and interpretation of potential measurement on reinforced concrete	SIA instruction 2006
	Determination of the corrosion of steel reinforcing bars according to norm: Execution and interpretation of potential measurement on reinforced concrete	SIA 269/2
	Determination of rebound number (Schmidt Hammer) of concrete in structures - Non-destructive testing	SN EN 12504-2 resp. SIA 262.214

1) Type A: It is not allowed to change the scope
2) Type B: Optimizing defined test methods (adapt to client's needs, adapted standards) is allowed
3) Type C: Introduction of additional test methods for the different types of tests is allowed



Accreditation number STS 102
Accreditation standard ISO/IEC 17025:2005

STS Directory

page 5 of 17

Group of products or materials, field of activity	Principle of measurement ²⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
Concrete and mortar: in situ tests	Determination of roughness by sand method according to norm: Products and systems for the protection and repair of concrete structures. Test methods. Reference concretes for testing	SN EN 1766 resp. SIA 162.424
Protection and coating systems, coating materials, paints, impregnations, hydrophobics	Determination and classification of liquid-water transmission rate (permeability) of coating materials and coating system	SN EN 1062-3
	Determination of carbon dioxide permeability	SN EN 1062-6
	Determination of crack bridging properties	SN EN 1062-7
	Measurement of bond strength by pull-off	SN EN 1542 resp. SIA 162.421
	Determination of water vapour transmission properties	SN EN ISO 12572 resp. SIA 180.216
(Mineral-) aggregates, sand, gravel, coarse aggregates, crushed stones, filler, unbound materials, etc.	Determination of the water content of aggregates by drying in a ventilated oven	SN EN 1097-5 resp. SN 670 903-5
	Methods for sampling aggregates	SN EN 932-1 resp. SN 670 901-1
	Determination of particle size distribution of aggregates - Sieving Method	SN EN 933-1 resp. SN 670 902-1
	Determination of Particle Shape of aggregates - Flakiness Index	SN EN 933-3 resp. SN 670 902-3

1) Type A: It is not allowed to change the scope
2) Type B: Optimizing defined test methods (adapt to client's needs, adapted standards) is allowed
3) Type C: Introduction of additional test methods for the different types of tests is allowed



Accreditation number **STS 102**
Accreditation standard ISO/IEC 17025:2005

STS Directory

page 6 of 17

Group of products or materials, field of activity	Principle of measurement ²⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
Soils, underground and rocks: in situ tests	EV and ME-plate bearing test (soils)	SN 670 317
Bituminous binders	Determination of adhesion of bituminous binders on aggregates (mix asphalt)	SN 670 460
	Determination of the penetration index PI according to norm: Specifications for paving grade bitumen	SN EN 12591 resp. SN 670 202-NA
	Bitumen recovery: Rotary evaporator	SN EN 12697-3 resp. SN 670 403
	Determination of the elastic recovery of modified bitumen	SN EN 13398 resp. SN 670 547
	Characterization of perceptible properties	SN EN 1425 resp. SN 670 503
	Determination of needle penetration	SN EN 1426 resp. SN ENV 670 511
	Determination of softening point Ring and Ball method	SN EN 1427 resp. SN ENV 670 512
Bituminous mixtures	Soluble binder content determination of mix asphalt (hot)	SN EN 12697-1 resp. SN 670 401
	Indentation using cube or Marshall specimens	SN EN 12697-20 resp. SN 670 420
	Indentation using plate specimens	SN EN 12697-21 resp. SN 670 421
	Sampling bituminous mixtures	SN EN 12697-27 resp. SN 670 427

1) Type A: It is not allowed to change the scope
2) Type B: Optimizing defined test methods (adapt to client's needs, adapted standards) is allowed
3) Type C: Introduction of additional test methods for the different types of tests is allowed



Accreditation number **STS 102**
Accreditation standard ISO/IEC 17025:2005

STS Directory

page 7 of 17

Group of products or materials, field of activity	Principle of measurement ²⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
Bituminous mixtures	Specimen preparation by impact compactor	SN EN 12697-30 resp. SN 670 430
	Marshall test	SN EN 12697-34 resp. SN 670 434
	Determination of the maximum density of hot mix asphalt	SN EN 12697-5 resp. SN 670 405
	Determination of bulk density of bituminous specimens	SN EN 12697-6 resp. SN 670 406
	Determination of void characteristics of bituminous specimens	SN EN 12697-8 resp. SN 670 408
Hot applied joint sealants, asphalt plug joints	Determination of the pouring temperature (hot applied joint sealants)	SN 670 621
	Ball dropping test (hot applied joint sealants)	SN 670 622
	Determination of appearance and composition (primers for hot applied joint sealants)	SN 670 671
	Determination of resistance against alkali (primers for hot applied joint sealants)	SN 670 672
	Determination of drying behaviour and solids content (primers for hot applied joint sealants)	SN 670 673

- 1) Type A: It is not allowed to change the scope
- 2) Type B: Optimizing defined test methods (adapt to client's needs, adapted standards) is allowed
- 3) Type C: Introduction of additional test methods for the different types of tests is allowed



Accreditation number **STS 102**
Accreditation standard ISO/IEC 17025:2005

STS Directory

page 8 of 17

Group of products or materials, field of activity	Principle of measurement ²⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
Hot applied joint sealants, asphalt plug joints	Soluble binder content determination of mix asphalt (hot) - Determination of residual mineral matter in the binder extract by incineration	SN EN 12697-1 annex C resp. SN 670 401
	Determination of density at 25 °C (hot applied joint sealants)	SN EN 13880-1 resp. SN 670 631
	Determination of adhesion and cohesion following continuous extension and compression (hot applied joint sealants)	SN EN 13880-10 resp. SN 670 640
	Determination of the discontinuous extension (adherence test - hot applied joint sealants)	SN EN 13880-13 resp. SN 670 643
	Determination of cone penetration at 25 °C (hot applied joint sealants)	SN EN 13880-2 resp. SN 670 632
	Determination of penetration and recovery (resilience - hot applied joint sealants)	SN EN 13880-3 resp. SN 670 633
	Determination of heat resistance; Change in penetration value (hot applied joint sealants)	SN EN 13880-4 resp. SN 670 634
	Determination of flow resistance (hot applied joint sealants)	SN EN 13880-5 resp. SN 670 635
Method for the preparation of samples for testing: Determination of appearance and composition (hot applied joint sealants)	SN EN 13880-6 resp. SN 670 636	

1) Type A: It is not allowed to change the scope
2) Type B: Optimizing defined test methods (adapt to client's needs, adapted standards) is allowed
3) Type C: Introduction of additional test methods for the different types of tests is allowed



Accreditation number STS 102
Accreditation standard ISO/IEC 17025:2005

STS Directory

page 9 of 17

Group of products or materials, field of activity	Principle of measurement ²⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
Hot applied joint sealants, asphalt plug joints	Determination of the change in weight of fuel resistance joint sealants after fuel immersion (hot applied joint sealants)	SN EN 13880-8 resp. SN 670 638
Liquide applied membrane	Determination of compatibility with asphalt pavements (hot applied joint sealants)	SN EN 13880-9 resp. SN 670 639
	Determination of needle penetration after heating	SN EN 1426 resp. SN 670 500-7 after SN 671 904, modified procedures
	Determination of the watertightness	EOTA 005 TR-003
	Determination of the resistance to delamination	EOTA 005 TR-004
	Determination of the resistance to dynamic indentation	EOTA 005 TR-006
	Determination of the resistance to static indentation	EOTA 005 TR-007
	Determination of the resistance to sliding	EOTA 005 TR-009
	Exposure procedure for artificial weathering	EOTA 005 TR-010
	Exposure procedure for accelerated ageing by heat	EOTA 005 TR-011
	Exposure procedure for accelerated ageing by hot water	EOTA 005 TR-012
Membranes	Preliminary tests	SIA 281 resp. SN 564 281

1) Type A: It is not allowed to change the scope
2) Type B: Optimizing defined test methods (adapt to client's needs, adapted standards) is allowed
3) Type C: Introduction of additional test methods for the different types of tests is allowed



Accreditation number **STS 102**
Accreditation standard ISO/IEC 17025:2005

STS Directory

page 10 of 17

Group of products or materials, field of activity	Principle of measurement ²⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
Membranes	Determination of tear strength and elongation at tear	SIA 281, test nr. 01 resp. SN 564 281
	Determination of dimensional stability of membranes with thermoplastic bearing layers	SIA 281, test nr. 02 resp. SN 564 281
	Determination of flow behaviour at elevated temperature	SIA 281, test nr. 03 resp. SN 564 281
	Determination of flexural behaviour at low temperature	SIA 281, test nr. 04 resp. SN 564 281
	Determination of resistance to thermal ageing	SIA 281, test nr. 05 resp. SN 564 281
	Determination of the resistance to the percussion	SIA 281, test nr. 07 resp. SN 564 281
	Determination of water vapour permeability	SIA 281, test nr. 09 resp. SN 564 281
	Determination of shear behaviour	SIA 281, test nr. 10 resp. SN 564 281
	Examination of the basic properties according to norm: Polymer bitumen membranes in mastic asphalt construction: Performances and material tests	SIA 281/1 resp. SN 564 281/1
Determination of marking, dimensional measurements and aspect according to norm: membranes in synthetic matter, performances required and tests of materials	SIA V280 resp. SN 564 280	
Determination of the elongation at tear	SIA V280, test nr. 02 resp. SN 564 280	

1) Type A: It is not allowed to change the scope
2) Type B: Optimizing defined test methods (adapt to client's needs, adapted standards) is allowed
3) Type C: Introduction of additional test methods for the different types of tests is allowed



Accreditation number STS 102
Accreditation standard ISO/IEC 17025:2005

STS Directory

page 11 of 17

Group of products or materials, field of activity	Principle of measurement ²⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
Membranes	Determination of the folding	SIA V280, test nr. 03 resp. SN 564 280
	Determination of the thermal deformations	SIA V280, test nr. 04 resp. SN 564 280
	Determination of the water pressure to the plate with slits	SIA V280, test nr. 05 resp. SN 564 280
	Determination of water vapour permeability	SIA V280, test nr. 06 resp. SN 564 280
	Determination of thermal ageing	SIA V280, test nr. 08 resp. SN 564 280
	Determination of behaviour in hot water	SIA V280, test nr. 13 resp. SN 564 280
	Determination of the resistance to the percussion	SIA V280, test nr. 15 resp. SN 564 280
	Determination of the resistance of joints	SIA V280, test nr. 16 resp. SN 564 280
	Determination of dimensional stability - Part 1: Bitumen sheets for roof waterproofing	SN EN 1107-1 resp. SIA 281.302
	Determination of dimensional stability - Part 2: Plastic and rubber sheets for roof waterproofing	SN EN 1107-2 resp. SIA 280.304
Determination of flexibility at low temperature of flexible sheets for waterproofing	SN EN 1109 resp. SIA 281.304	
Determination of flow resistance at elevated temperature	SN EN 1110 resp. SIA 281.303	

1) Type A: It is not allowed to change the scope
2) Type B: Optimizing defined test methods (adapt to client's needs, adapted standards) is allowed
3) Type C: Introduction of additional test methods for the different types of tests is allowed



Accreditation number **STS 102**
Accreditation standard ISO/IEC 17025:2005

STS Directory

page 12 of 17

Group of products or materials, field of activity	Principle of measurement ²⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
Membranes	Determination of resistance to tearing (nail shank) of flexible sheets for waterproofing - Part 1: Bitumen sheets for roof waterproofing	SN EN 12310-1 resp. SIA 281.314
	Determination of resistance to tearing of flexible sheets for waterproofing - Part 2: Plastic and rubber sheets for roof waterproofing	SN EN 12310-2 resp. SIA 280.320
	Determination of tensile properties of flexible sheets for waterproofing - Part 1: Bitumen sheets for roof waterproofing	SN EN 12311-1 resp. SIA 281.301
	Determination of tensile properties of Flexible sheets for waterproofing - Part 2: Plastic and rubber sheets for roof waterproofing	SN EN 12311-2 resp. SIA 280.302
	Determination of peel resistance of joints of Flexible sheets for waterproofing - Part 1: Bitumen sheets for roof waterproofing	SN EN 12316-1 resp. SIA 281.315
	Determination of peel resistance of joints of flexible sheets for waterproofing - Part 2: Plastic and rubber sheets for roof waterproofing	SN EN 12316-2 resp. SIA 280.321
	Determination of shear resistance of joints of Flexible sheets for waterproofing - Part 1: Bitumen sheets for roof waterproofing	SN EN 12317-1 resp. SIA 281.316

- 1) Type A: It is not allowed to change the scope
- 2) Type B: Optimizing defined test methods (adapt to client's needs, adapted standards) is allowed
- 3) Type C: Introduction of additional test methods for the different types of tests is allowed



Accreditation number **STS 102**
Accreditation standard ISO/IEC 17025:2005

STS Directory

page 13 of 17

Group of products or materials, field of activity	Principle of measurement ²⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
Membranes	Determination of shear resistance of joints of Flexible sheets for waterproofing - Part 2: Plastic and rubber sheets for roof waterproofing	SN EN 12317-2 resp. SIA 280.316
	Determination of resistance to impact of flexible sheets for waterproofing	SN EN 12691 resp. SIA 289.303
	Determination of resistance to static loading of flexible sheets for waterproofing	SN EN 12730 resp. SIA 289.302
	Method for artificial ageing by long term exposure to elevated temperature of flexible sheets for waterproofing	SN EN 1296 resp. SIA 289.306
	Determination of resistance to water penetration of flexible sheets for waterproofing - Underlays for discontinuous roofing and walls	SN EN 13111 resp. SIA 289.305
	Determination of bond strength of flexible sheets for waterproofing - Waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles	SN EN 13596 resp. SIA 281.305
	Determination of shear strength of Flexible sheets for waterproofing - Waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles	SN EN 13653 resp. SIA 281.306

- 1) Type A: It is not allowed to change the scope
- 2) Type B: Optimizing defined test methods (adapt to client's needs, adapted standards) is allowed
- 3) Type C: Introduction of additional test methods for the different types of tests is allowed



Accreditation number **STS 102**
Accreditation standard ISO/IEC 17025:2005

STS Directory

page 14 of 17

Group of products or materials, field of activity	Principle of measurement ²⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
Membranes	<p>Determination of water absorption of Flexible sheets for waterproofing - Waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles</p> <p>Compatibility by heat conditioning of Flexible sheets for waterproofing - Waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles</p> <p>Determination of the behaviour of (polymer) bitumen sheets during application of mastic asphalt</p> <p>Determination of dimensional stability at 160 °C according to norm: Flexible sheets for waterproofing. Reinforced bitumen sheets for waterproofing of concrete bridge decks and other trafficked areas of concrete. Definitions and characteristics</p> <p>Determination of length, width and straightness of flexible sheets for waterproofing - Part 1: Bitumen sheets for roof waterproofing</p> <p>Determination of length, width, straightness and flatness of flexible sheets for waterproofing - Part 2: Plastic and rubber sheets for roof waterproofing</p>	<p>SN EN 14223 resp. SIA 281.322</p> <p>SN EN 14691 resp. SIA 281.324</p> <p>SN EN 14693 resp. SIA 281.326</p> <p>SN EN 14695 annex B</p> <p>SN EN 1848-1 resp. SIA 281.319</p> <p>SN EN 1848-2 resp. SIA 280.322</p>

1) Type A: It is not allowed to change the scope
2) Type B: Optimizing defined test methods (adapt to client's needs, adapted standards) is allowed
3) Type C: Introduction of additional test methods for the different types of tests is allowed



Accreditation number **STS 102**
Accreditation standard ISO/IEC 17025:2005

STS Directory

page 15 of 17

Group of products or materials, field of activity	Principle of measurement ²⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
Membranes	Determination of thickness and mass per unit area of flexible sheets for waterproofing - Part 1: Bitumen sheets for roof waterproofing	SN EN 1849-1 resp. SIA 281.318
	Determination of thickness and mass per unit area of flexible sheets for waterproofing - Part 2: Plastic and rubber sheets for roof waterproofing	SN EN 1849-2 resp. SIA 280.301
	Determination of visible defects of flexible sheets for waterproofing - Part 1: Bitumen sheets for roof waterproofing	SN EN 1850-1 resp. SIA 281.320
	Determination of visible defects of flexible sheets for waterproofing - Part 2: Plastic and rubber sheets for roof waterproofing	SN EN 1850-2 resp. SIA 280.323
	Determination of watertightness of flexible sheets for waterproofing	SN EN 1928 resp. SN 289.301
	Determination of water vapour transmission properties of flexible sheets for waterproofing	SN EN 1931 resp. SN 289.304
	Determination of foldability at low temperature of flexible sheets for waterproofing	SN EN 495-5 resp. SIA 280.303
	Determination of water vapour transmission properties	SN EN 12572 resp. SIA 180.216

1) Type A: It is not allowed to change the scope
2) Type B: Optimizing defined test methods (adapt to client's needs, adapted standards) is allowed
3) Type C: Introduction of additional test methods for the different types of tests is allowed



Accreditation number STS 102
Accreditation standard ISO/IEC 17025:2005

STS Directory

page 16 of 17

Group of products or materials, field of activity	Principle of measurement ²⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
Road construction and waterproofing: in situ tests	Standard Test Method for Density (degree of compaction) of Bituminous Concrete in Place by Nuclear Methods	ASTM D2950
	Peeling test (bituminous membranes)	SIA 281/2 resp. SN 564 281/2
	Determination of pull-off bond strength of bituminous membranes	SIA 281/3 resp. SN 573 281/3
	Control of the geometry - Flatness	SN 640 520
	Seam strength test with air pressure	Technical rules, DVS 2225-2: Joining of lining membranes - Made of polymer materials in geotechnical and hydraulic engineering - Site testing
	Seam strength test with vacuum	Technical rules, DVS 2225-2: Joining of lining membranes - Made of polymer materials in geotechnical and hydraulic engineering - Site testing
Geosynthetics - geotextiles and geotextile-related products	Seam strength peeling test	Technical rules, DVS 2225-2: Joining of lining membranes - Made of polymer materials in geotechnical and hydraulic engineering - Site testing
	Determination of the resistance to weathering	SN EN 12224
	Wide-width tensile test (ISO 10319:2008)	SN EN ISO 10319
Static puncture test (CRB test)	SN EN ISO 12236 resp. SN 670 711	

1) Type A: It is not allowed to change the scope
2) Type B: Optimizing defined test methods (adapt to client's needs, adapted standards) is allowed
3) Type C: Introduction of additional test methods for the different types of tests is allowed



Accreditation number STS 102
Accreditation standard ISO/IEC 17025:2005

STS Directory

page 17 of 17

Group of products or materials, field of activity	Principle of measurement ²⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
Geosynthetics - geotextiles and geotextile-related products	Dynamic perforation test (cone drop test)	SN EN ISO 13433 resp. SN 670 747
	Determination of thickness at specified pressures - Part 1: Single layers.	SN EN ISO 9863-1 resp. SN 670 703-1
	Test method for the determination of mass per unit area of geotextiles and geotextile-related products	SN EN ISO 9864 resp. SN 670 704
Various tests with multiple applications: building materials, buildings, water, wood, plastics, etc.	Endoscopic examinations according to norm: Engineering structures in connection with roads - inspection and test	DIN 1076
	Determination of water content - Determination by oven dry method (sawn timber)	SN EN 13183-1 resp. SIA 164.525, modified procedure
	Determination of moisture content by drying at elevated temperature; Hygrothermal performance of building materials and products	SN EN ISO 12570 resp. SIA 180.214
	Determination of the water content of building materials	ZTV-ING - Additional technical contract clauses and guidelines for civil engineering
(Hardened) concrete	Microscopic examinations on thin sections according to norm: Standard Practice for Petrographic Examination (Hardened Concrete)	ASTM C856-95, modified procedure
	Determination of the thermal elongation	In-house procedure

1) Type A: It is not allowed to change the scope
2) Type B: Optimizing defined test methods (adapt to client's needs, adapted standards) is allowed
3) Type C: Introduction of additional test methods for the different types of tests is allowed