



STS Directory

Accreditation number: STS 0632

International standard: ISO/IEC 17025:2017
Swiss standard: SN EN ISO/IEC 17025:2018

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Initial accreditation: 06.10.2016
Current accreditation: 06.10.2021 to 05.10.2026
Scope of accreditation see: www.sas.admin.ch
(Accredited bodies)

Scope of accreditation as of 30.08.2023

Testing laboratory for Concrete, Mortar and Products for Refurbishment

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	Standard Test Method for Flexural Toughness of Fiber Reinforced Concrete (Using Centrally Loaded Round Panel)	ASTM C1550
	Determination of water infiltration rate	SIA 262/1 appendix A resp. SN 505 262/1
	Determination of the resistance to chlorides	SIA 262/1 appendix B resp. SN 505 262/1
	Determination of the Freeze-thaw resistance	SIA 262/1 appendix C resp. SN 505 262/1
	Determination of the resistance to sulfates	SIA 262/1 appendix D resp. SN 505 262/1
	Determination of resistance to carbonation	SIA 262/1 appendix I resp. SN 505 262/1
	Determination of secant modulus of elasticity in compression	SN EN 12390-13 resp. SIA 262.263



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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)
Cement	Determination of the shrinkage of concrete	SN EN 12390-16 resp. SIA 262.266
	Making and curing specimens for strength tests	SN EN 12390-2 resp. SIA 262.252
	Compressive Strength of test specimens	SN EN 12390-3 resp. SIA 262.253
	Determination of flexural strength of test specimens	SN EN 12390-5 resp. SIA 262.255
	Determination of the depth of penetration of water under pressure	SN EN 12390-8 resp. SIA 262.258
	Determination of energy absorption capacity of fibre reinforced slab specimens (Testing sprayed concrete)	SN EN 14488-5 resp. SIA 262.605
	Measuring the flexural tensile strength (limit of proportionality (LOP), residual) - Test method for metallic fibre concrete	SN EN 14651 resp. SIA 262.502
Mortar (for masonry)	Determination of Strength (flexural and compressive strength)	SN EN 196-1 resp. SIA 215.011
Fresh concrete and mortar	Determination of flexural and compressive strength of hardened mortar	SN EN 1015-11 resp. SIA 177.161
	Determination of the water content of freshly mixed concrete	SIA 262/1 appendix H resp. SN 505 262/1
	Sampling fresh concrete	SN EN 12350-1 resp. SIA 262.231
	Slump test	SN EN 12350-2 resp. SIA 262.232
	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 Density	SN EN 12350-6 resp. SIA 262.236
	Determination of air content; Pressure methods	SN EN 12350-7 resp. SIA 262.237
	Slump-flow test (Self- compacting concrete)	SN EN 12350-8 resp. SIA 262.238



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Protection and coating systems, coating materials, paints, impregnations, hydrophobics (Mineral-) aggregates, sand, gravel, coarse aggregates, crushed stones, filler, unbound materials, etc.	Determination of compressive strength of repair mortar (Products and systems for the protection and repair of concrete structures)	SN EN 12190 resp. SIA 162.450
	Determination of modulus of elasticity in compression (Products and systems for the protection and repair of concrete structures)	SN EN 13412 resp. SIA 262.468
	Determination of particle size distribution of aggregates - Sieving Method	SN EN 933-1
	Determination of Particle Shape of aggregates - Flakiness Index	SN EN 933-3

In case of contradictions in the language versions of the directories, the German version shall apply.

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