

Overview table reference methods Concrefy

Versionnummer: Versiondate:	1.3 10 november 2025			
material	test	scope nr.	standard	execution (conform / equivalent to)
concrete	Determination of the density	1	NEN-EN 12390-7	conform
	Determination of the compressive strength	2	NEN-EN 12390-3	conform
	Determination of the penetration depth of water under pressure	3	NEN-EN 12390-8	conform
	Determination of the water absorption	4	NBN-B 15-215	conform
	Determination of the tensile splitting strength	5	NEN-EN 12390-6	conform
mortar	Determination of the flexural bending strength (threepoint-bending test)	6	NEN-EN 196-1 NEN-EN 13892-2 NEN-EN 1015-11	conform conform conform
	Determination of the compressive strength	7	NEN-EN 196-1 NEN-EN 13892-2 NEN-EN 1015-11	conform conform conform
steel fibre concrete	Determination of the flexural bending strength (threepoint-bending test)	8	NEN-EN 14651:2005+A1 (exclusief §7.2)	conform
concrete slabs	Determination of the abrasion resistance	9	NEN-EN 1339	conform
	Determination of the mass loss after freeze thaw simulation	10	NEN-EN 1339	conform
concrete paving blocks	Determination of the dimensions	11	NEN-EN 1338	conform
	Determination of the tensile splitting strength	12	NEN-EN 1338	conform
	Determination of the abrasion resistance	13	NEN-EN 1338	conform
	Determination of the mass loss after freeze thaw simulation	14	NEN-EN 1338	conform
concrete curb units	Determination of the abrasion resistance	15	NEN-EN 1340	conform
	Determination of the mass loss after freeze thaw simulation	16	NEN-EN 1340	conform
aggregates for production of concrete	Determination of the particle size distribution	17	NEN-EN 933-1	conform
	Determination of the particle density and waterabsorption (particle size <32 mm)	18	NEN-EN 1097-6	conform
	Determination of the content of lightweight contaminators	19	NEN-EN 1744-1 (§14.2)	conform
	Determination of shell content	20	NEN-EN 933-7	conform
	Determination of the freeze thaw resistance	22	NEN-EN 1367-1	conform
granulair material	Determination of the constituents of coarse recycled aggregates	21	NEN-EN 933-11	conform
	Determination of the increase of CBR value	23	NEN-EN 14227-2 Annex D	conform
	Determination of the particle shape - flakiness index	24	NEN-EN 933-3	conform
	Determination of the resistance to fragmentation (LA-test method)	25	NEN-EN 1097-2	conform
	Determination of the laboratory reference density and water content; 1-point Proctor test	26	NEN-EN 13286-2 Annex B	conform
reinforcing steel	Determination of the tensile strength, the 0.2%- yield stress and elongation at maximum load (bars)	27	NEN-EN 15630-1 / NEN-EN ISO 6892-1	conform
	Determination of the geometrical characteristics	28	NEN-EN 15630-1	conform
	Determination of the tensile strength, the 0.2%- yield stress and elongation at maximum load; tensile load (welded bars)	29	NEN-EN 15630-2 / NEN-EN ISO 6892-1	conform
	Determination of the shear strength; shear test	30	NEN-EN 15630-2 / NEN-EN ISO 6892-1	conform
	Determination of fatigue strength; high frequency cyclic loading test (bars)	31	ISO 15630-1 (§ 8)	conform
	Determination of fatigue strength; high frequency cyclic high frequency cyclic loading test (welded bars)	32	ISO 15630-2 (§ 8)	conform

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material	test	scope nr.	standard	execution (conform / equivalent to)
reinforcement couplers	Determination of the tensile strength, the 0.2%- yield stress and elongation at maximum load (bars)	33	ISO 15835-2 (§ 5.3)	conform
	Determination of slip after a low frequency cyclic loading test	34	ISO 15835-2 (§ 5.4)	conform
	Determination of fatigue strength; high frequency cyclic loading test, testing in air	35	ISO 15835-2 (§ 5.5)	conform
	Determination of elongation after alternating tensile and compression loading test (category S); low frequency loading test	36	ISO 15835-2 (§ 5.6)	conform
	Determination of dynamic strength; low frequency cyclic loading test	37	California Test 670 (§ F.1.)	conform
aggregates for production of concrete	Determination of the content of chloride	38	NEN-EN 1144-1 (§ 7)	equivalent to
	Determination of the degree of pollution caused by strong swelling clay minerals	39	NEN 5941 (1988)	conform
	Determination of the content of fulvic acid	40	NEN-EN 1744-1 (§15.2)	conform
	Determination of the humus content	41	NEN-EN 1744-1 (§15.1)	conform
	Determination of the presence of stain causing iron and vanadium compounds	42	NEN 5923 (1988)	conform
	Determination of the content of fine material (fraction 0 / 2); methylene blue test	43	NEN-EN 933-9	conform