

Overview table reference methods Concrefy

Versionnummer:	1.1			
Versiondate:	31 May 2021			
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 penetration depth by capillair absorption	4	CUR/PBV Aanbeveling 63	conform
	Determination of the water absorption	5	NBN-B 15-215	conform
	Determination of the tensile splitting strength	6	NEN-EN 12390-6	conform
mortar	Determination of the flexural bending strength (threepoint-bending test)	7	NEN-EN 196-1	conform
			NEN-EN 13892-2	conform
	Determination of the compressive strength	8	NEN-EN 1015-11	conform
			NEN-EN 196-1	conform
			NEN-EN 13892-2	conform
			NEN-EN 1015-11	conform
steel fibre concrete	Determination of the flexural bending strength (threepoint-bending test)	9	NEN-EN 14651:2005+A1 (exclusief §7.2)	conform
concrete slabs	Determination of the dimensions	10	NEN-EN 1339	conform
	Determination of the flexural bending strength (threepoint-bending test)	11	NEN-EN 1339	conform
	Determination of the abrasion resistance	12	NEN-EN 1339	conform
	Determination of the mass loss after freeze thaw simulation	13	NEN-EN 1339	conform
concrete paving blocks	Determination of the dimensions	14	NEN-EN 1338	conform
	Determination of the tensile splitting strength	15	NEN-EN 1338	conform
	Determination of the abrasion resistance	16	NEN-EN 1338	conform
	Determination of the mass loss after freeze thaw simulation	17	NEN-EN 1338	conform
concrete curb units	Determination of the dimensions	18	NEN-EN 1340	conform
	Determination of the flexural bending strength (threepoint-bending test)	19	NEN-EN 1340	conform
	Determination of the abrasion resistance	20	NEN-EN 1340	conform
	Determination of the mass loss after freeze thaw simulation	21	NEN-EN 1340	conform
slope elements of concrete	Determination of the compressive strength	22	NEN 7024-2 / NEN 7024-3	conform
	Determination of the water absorption	23	NEN 7024-2 / NEN 7024-3	conform
	Determination of the saturated density	24	NEN 7024-1	conform
aggregates for production of concrete	Determination of the particle size distribution	25	NEN-EN 933-1	conform
	Determination of the particle density and waterabsorption (particle size <32 mm)	26	NEN-EN 1097-6	conform
	Determination of the content of lightweight contaminants	27	NEN-EN 1744-1 (§14.2)	conform
	Determination of shell content	28	NEN-EN 933-7	conform
	Determination of fine material; sand equivalent test	29	NEN-EN 933-8	conform
	Determination of the freeze thaw resistance	31	NEN-EN 1367-1	conform
granulair material	Determination of the constituents of coarse recycled aggregates	30	NEN-EN 933-11	conform
	Determination of the increase of CBR value	32	NEN-EN 14227-2 Annex D	conform
	Determination of the constituents of granulate	33	RAW 2010 proef 35	conform
	Determination of the particle shape - flakiness index	34	NEN-EN 933-3	conform
	Determination of the resistance to fragmentation (LA-test method)	35	NEN-EN 1097-2	conform
	Determination of the laboratory reference density and water content; 1-point Proctor test	36	NEN-EN 13286-2 Annex B	conform

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reinforcing steel	Determination of the tensile strength, the 0.2%- yield stress and elongation at maximum load (bars)	37	NEN-EN 15630-1 / NEN-EN ISO 6892-1	conform
	Determination of the geometrical characteristics	38	NEN-EN 15630-1	conform
	Determination of the tensile strength, the 0.2%- yield stress and elongation at maximum load; tensile load (welded bars)	39	NEN-EN 15630-2 / NEN-EN ISO 6892-1	conform
	Determination of the shear strength; shear test	40	NEN-EN 15630-2 / NEN-EN ISO 6892-1	conform
	Determination of fatigue strength; high frequency cyclic loading test (bars)	41	ISO 15630-1 (§ 8)	conform
	Determination of fatigue strength; high frequency cyclic high frequency cyclic loading test (welded bars)	42	ISO 15630-2 (§ 8)	conform
reinforcement couplers	Determination of the tensile strength, the 0.2%- yield stress and elongation at maximum load (bars)	43	ISO 15835-2 (§ 5.3)	conform
	Determination of slip after a low frequency cyclic loading test	44	ISO 15835-2 (§ 5.4)	conform
	Determination of fatigue strength; high frequency cyclic loading test, testing in air	45	ISO 15835-2 (§ 5.5)	conform
	Determination of elongation after alternating tensile and compression loading test (category S1); low frequency loading test	46	ISO 15835-2 (§ 5.6.1)	conform
	Determination of elongation after alternating tensile and compression loading test (category S2); low frequency loading test	47	ISO 15835-2 (§ 5.6.2)	conform
	Determination of dynamic strength; low frequency cyclic loading test	48	California Test 670 (§ F.1.)	conform
aggregates for production of concrete	Determination of the content of chloride	49	NEN-EN 1744-1 (§7)	equivalent to conform
	Determination of the degree of pollution caused by strong swelling clay minerals	50	NEN 5941 (1988)	
	Determination of the content of fulvic acid	51	NEN-EN 1744-1 (§15.2)	conform
	Determination of the humus content	52	NEN-EN 1744-1 (§15.1)	conform
	Determination of the presence of stain causing iron and vanadium compounds	53	NEN 5923 (1988)	conform
	Determination of the content of fine material (fraction 0 / 2); methylene blue test	54	NEN-EN 933-9	conform
bituminous mixtures	Determination of the thickness of a bituminous layer	55	NEN-EN 12697-36	conform
	Determination of the sample density	56	NEN-EN 12697-6 procedure B	conform
	Determination of the content of soluble binder	57	NEN-EN 12697-1 Annex B1.3/B.3/C.3	conform
	Determination of the particle size distribution	58	NEN-EN 12697-2 + A1	conform
	Determination of the mixture density	59	NEN-EN 12697-5 methode C	conform
	Determination of the content of pores in bituminous materials	60	NEN-EN 12697-8	conform