

Pavement component	Property	Maximum quantity for one sample	Maximum lot size	Min number of samples per lot (process control)	Min number of samples per lot acceptance control (non - statistical)	Min number of samples per lot acceptance control (statistical)
Rock fill (*1)	-	-	-	-	-	-
Soil or Gravel fill	Atterberg limits and grading	10 000m ³	Completed Layer	1	3	4 (*11)
	CBR	10 000m ³	Completed Layer	-	2	4
	Relative compaction (*2)	2 000m ³	Section (*3)	2	3	4
Excavations and natural subgrade (*4)	Atterberg limits and grading	2 500m ²	Section (*3)	1	3	4 (*11)
	CBR	10 000m ²	Section (*3)	-	2	4
	Relative compaction (*2)	2 500m ²	Section (*3)	2	3	4
Subbase and selected layer (untreated)	Atterberg limits and grading	2 500m ²	Section (*3)	1	3	4 (*11)
	CBR	5 000m ²	Section (*3)	-	2	4
	Relative compaction	2 500m ²	Section (*3)	2	3	4
Subbase and selected layer (treated)	Atterberg limits and grading	2 500m ²	Section (*3)	1	3	4 (*11)
	CBR or UCS	2 500m ²	Section (*3)	-	2	4
	Stabilizer content	2 500m ²	Section (*3)	-	10	10
	Relative compaction	2 500m ²	Section (*3)	2	3	4
(a) Gravel bases & (b) Crushed stone bases	Atterberg limits and grading	2 500m ²	Section	1	3	4
	CBR or UCS (not for (b))	2 500m ²	Section	-	2	4
	Stabilizer content	2 500m ²	Section	-	10	10
	Relative compaction	2 500m ²	Section	2	3	4
Asphalt bases and wearing courses	Grading and binder content	150 ton	1 day's work	2	4	6 (*11)
	Marshall stability, flow and voids	1 day's work		-	1	1
	Relative compaction	2 000m ²		2	4	6

Aggregate for asphalt	ACV	5 000m ³ (*7)	Stockpile	-	-	-
	Sand equivalent	200m ³ (*7)	Stockpile	-	2	-
	Flakiness index	1 000m ³ (*7)	Stockpile	2	4	-
	Grading	1 000m ³ (*7)	Stockpile	2	4	-
Aggregate for seals	ACV	5 000m ³ (*7)	Stockpile	-	4	-
	Flakiness index	1 000m ³ (*7)	Stockpile	2	4	-
	Grading	1 000m ³ (*7)	Stockpile	2	4	-
Aggregate for concrete	ACV	5 000m ³ (*7)	Stockpile	-	2	-
	Grading	200m ³ (*7)	Stockpile	2	4	-
	Organic content (*9)	200m ³ (*7)	Stockpile	2	4	-
Concrete structures and pavements	Slump	per casting of max 150m ³	1 Casting of max 150m ³	2	1	1
	Cube strength	0 - 50m ³ 50 - 100m ³ 100 - 150m ³	1 Casting	-	-	1 set (*12) 2 sets (*12) 3 sets (*12)

(*1) Is Not tested because is too coarse.

(*2) A maximum density must be determined for every field density. Where it is found that the maximum density does not vary, the number of density measurements can be reduced.

(*3) A section is usually a day's work, except where the material or the manner of processing changes.

(*4) Soils and gravels in the upper 150mm below the bottom of selected layers.

(*5) The upper and lower halves of the layer must be sampled separately. This series of test is only intended to evaluate the thoroughness of the mixing process and not the actual quantity mixed in.

(*7) Volume of newly delivered material or change in design.

(*9) Includes determination of deleterious materials.

(*11) The grading should not be included in a statistical control plan.

(*12) One set comprises of six cubes.