

International Roughness Index (IRI)

The calculation of the IRI have been performed on three longitudinal profiles: “low”, “med” and “high”, with increasing IRI. The sampling distance for the profile is 0.125 m, which has been used in the IRI-calculation. The height is given in millimeters.

The results rom the IRI-calculation is given in the table below.

Distans	”low”	”med”	”high”
20	0.521041	1.409008	2.579342
40	0.771296	1.631585	4.831566
60	0.839522	2.026298	6.056056
80	0.724596	2.330698	3.250406
100	0.984403	1.491924	2.270365
120	2.187528	2.015838	2.640094
140	0.606347	2.241310	3.840697
160	0.463408	1.919588	2.662317
180	0.631279	2.377496	2.286753
200	0.858345	2.136856	6.167637
220	0.797412	2.350116	6.236335
240	0.856324	2.122785	4.930604
260	0.673056	1.828344	3.797498
280	0.720377	2.397342	2.978274
300	1.097179	1.422690	3.291543
320	0.477812	2.199483	2.017555
340	0.477108	2.158343	4.456818
360	0.667873	1.759033	9.332794
380	0.987895	2.176608	4.268200
400	0.733211	1.914949	3.830369
420	0.612175	2.510690	3.675591
440	0.636125	3.224920	8.212674
460	0.786497	1.792662	3.111621
480	1.022952	2.836296	6.203730
500	1.077562	2.263816	2.787937
520	0.689057	1.836429	2.702403
540	0.438339	1.439186	2.889337
560	0.725907	2.028561	6.260302
580	0.623021	2.627749	7.153145
600	0.768788	2.162773	7.760441
620	0.553145	3.294292	7.725464
640	0.637955	2.119484	4.174191
660	0.842672	2.717678	3.433895
680	0.631172	3.136959	2.555966
700	0.794005	1.746916	4.859466
720	0.952131	2.273990	7.213638
740	0.841965	3.556099	3.168175
760	0.674802	2.745360	2.621429
780	1.055817	4.338570	2.190435
800	1.384285	2.118364	4.034427
820	1.167945	1.613379	4.817372
840	0.989094	1.442681	3.883657
860	1.421727	1.906757	4.213441
880	0.817828	2.925321	3.001546
900	0.808570	3.135170	5.563550
920	0.545377	1.592112	3.001848
940	0.685371	2.083080	6.544980
960	0.533726	2.321057	4.986554
980	0.543193	3.011331	5.651921
1000	0.541544	2.147660	3.123476