

# Urbase®

Aggregate size	0 -16mm		
Grading	EN 13242 Table 2	Producer declared grading	EN 13242 Table 4
EN 933-1	GA80		GA25
C 31.5	100	100	
C 22.4	98-100	99	91.5-100
C 16	80-99	97	89.5-100
C 11.2		90	
C 8		82	57-100
C 5.6		71	
C 4		60	
C 2		42	
C 1		29	
0.500 mm		22	
0.25 mm		15	
0.125 mm		7	
0.063 mm		3.9	0-5

Essential characteristics	
Petrographic description	Washed AEC aggregate
Particle density	2360 kg/m <sup>3</sup>
Density compacted	1855 kg/m <sup>3</sup>
Moisture content max	16%
Fines	$f_5$
Flakiness	$Fl_{20}$
Crushed and broken surfaces	$C_{90/3}$
Resistance against fragmentation	$LA_{40}$
Loss of ignition	GV2 <2%
Metallic Iron	<1%

Environmental Regulation The Netherlands RBK (2022)	
Eural code	19.01. 12
Building material	Washed AEC aggregate
Quality category	NV building material
Compositon organic constituents	RBK 2022, article 4.7
Emissions of inorganic substances	RBK 2022, article 4.5

Requirements RAW						
Parameter	Unit	Typical grading Urbase®	Sand for backfill	Drain sand	Sand for embankment	Test
<63 mu <2 mm	% (m/m)	5		≤5	≤15	Test 2+11
>0,250 mm	% (m/m)	87		≥50		Test 11
<20 mu <2 mm					≤3	Test 12+11
<2 mu	% (m/m)	<1	≤8			Test 11
<63 mu	% (m/m)	3	≤50			Test 2
Loss of ignnition <2mm	% (m/m)	1		≤3	≤3	Test 28
			Accepted	Accepted	Accepted	