

Boughton Intensive Mix engineering characteristics compared to FLL standards for intensive greening (FLL, 2008 edition)

Properties	Requirements	Reference value	Tested sample Unit	Result
Granulometric distribution				
Content of slurry forming parts (d≤0.063mm)	Mass %	≤ 20	Mass %	13.18
Content of fine/medium gravel (d≥4mm)	Mass %	≤ 40	Mass %	25.47
Water/air control				
- Max water capacity	Vol%	≥45	Vol%	43.54
- Water permeability mod, K _f	mm/min	0.3 – 30	mm/min	0.4
pH value, salt content				
- pH value in water		6.0 – 8.5		8.13
- pH value in CaCl ₂				7.63
- salt content (KCl)	g/L	≤2.5	g/L	2.5
- salt content (gypsum)	g/L	≤1.5	g/L	1.2
Organic substances				
- content by loss of ignition	g/L	≤90	g/L	63
Volume weight (apparent density)				
- In dry condition	g/cm ³	–	g/cm ³	1.06
- With max water capacity	g/cm ³		g/cm ³	1.50

Particle size distribution for the Boughton Intensive Mix

