



Mikolit® is a sealing pellet which requires no mixing or pumping. It is a patented clay-based pellet with very low dust content.

Mikolit B is a high grade bentonite pellet manufactured from a mix of activated calcium bentonites to provide a high swelling capacity of 180-200%.

All Mikolit pellets have excellent sinking qualities and are dust free and easy to use.

Applications

- Borehole sealing
- Isolating instrumentation and sampling zones

Features

- Pre-formed pellets
- 180-200% swelling capacity
- Suitable for use in sea water
- Delayed swelling
- No grout loss
- No grouting/mixing machines required
- Environmentally friendly
- Dust free
- Low permeability
- Simple & easy to use

Shelf Life

- Unlimited if unopened & kept in a dry location

Packaging

- 25kg waterproof bags*
- 42 bags per Europallet (disposable)

* 500 and 1000kg 'big bags' also available.

Specifications

Pellet size	8mm (D) 7-12mm(L)
Processing time	None
Sinking speed in water	21m/min
Saturated density	1.70-1.80 t/m ³
Bulk density	1.0 t/m ³
Delayed swelling time	12 minutes
Swelling capacity	180-200%
Swelling pressure	12-15 kN/m ²
Permeability	<10 ⁻¹² m/s

Quantity Needed (kg/m)

Pipe Diameter (mm)	Borehole Diameter (mm)								
	100	125	150	200	250	300	400	500	600
0	9	13	19	34	54	77	137	215	309
50	6	11	17	32	51	75	135	212	307
100		5	11	26	45	69	129	206	300
125			6	21	40	64	124	201	295
160				12	32	55	115	193	287
200					19	43	103	180	175
250						24	84	161	255
315							52	129	224
400								77	172
500									94