



Big bags 1000 kg



Bags 25 kg



Pellet length 7 – 12 mm



Swelling capacity 180 – 200%

Quantity needed (kg/m)

Bore-hole (mm) ▶

B	100	125	150	200	250	300	400	500	600
0	8	12	18	31	49	70	125	195	280
50	6	10	16	29	47	68	123	193	279
100		4	10	23	41	62	117	187	273
125			5	19	37	58	113	183	269
160				11	29	50	105	175	261
200					18	39	94	164	250
250						21	76	146	232
315							47	118	203
400								70	156
500									86

◀ Tube/Casing (mm)

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TECHNICAL DATA

Mikolite®

B

In the Mikolite® product-range, Mikolite® B is the top product. Mikolite® B is manufactured from a mix of activated calcium bentonites, with a very high swelling capacity. After the spaces between the grains have been filled up, only a small part of the swelling capacity has been consumed. The introduced clay will build a relatively dry, fixed clay layer. The quality B has excellent sinking quality's, due to the fact that the product is free of dust, it has a strongly slowed down start of swelling and it has favourable grain dimensions. The production method, leads to the fact that, in spite of a high swelling capacity the quality B has a strongly slowed down start of swelling. Of course Mikolite® B has a wide degree of self-healing. Also at applications in salty water a good sealing is insured. When applied in a drilling with temporary casing there is a higher risk that the clay pellets will adhere to the casing.

Product name:	Mikolite® B
Pellet color:	Green / grey
Pellet size:	Ø ± 8 mm, length 7 – 12 mm
Package:	Zakken 25 kg / big bags 1000 kg
Sinking speed in water:	21 m/min
Density water saturated:	1,7 – 1,8 t/m ³
Bulk density:	1,0 t/m ³
Start of swelling:	12 min
Swelling capacity:	180 – 200% ¹⁾
Permeability:	< 10 ⁻¹² m/s
Swelling pressure:	12 – 15 kN/m ²
γ-ray:	55 – 85 API

¹⁾ Free swelling in goblet glass in dem. water, additional to pore volume.

Mikolite®-products are produced by:



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The producer remains the right to change specifications of the products without further acknowledgement.