



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)

TECHNICAL DATA

Mikolite®

B

In the Mikolite® product range, Mikolite® B is the top product. Mikolite B is manufactured using a mix of activated calcium bentonites, with a very high swelling capacity. After the spaces between the pellets have been filled out, only a small part of the swelling capacity has been used. The clay layer that appears after water absorption is a relatively dry, very firm layer. The quality B has excellent bulk properties, thanks to the fact that the product is free of dust, has decelerated swelling and favourable pellet size. The production method ensures decelerated swelling, despite the high swelling capacity. Naturally, Mikolite® B has a high level of self-healing. When applied in saline water sufficient swelling capacity ensures good sealing. When applied in tubing drilling there is a risk of adhesion to the tube.

Product name:	Mikolite® B
Pellet colour:	Green / grey
Pellet size:	Ø ± 8 mm, length 7 – 12 mm
Packaging:	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-radiation:	55 – 85 API

¹⁾ Free swelling in beaker, using DI Water, additional to pore volume.

Mikolite®-products are produced by:



Engelenkampstraat 71 • Postbus 78 • NL-6130 AB Sittard • The Netherlands

Telefon: +31 (0) 46 4 526 662

Fax: +31 (0) 46 4 513 055

E-mail: info@terratech.nl

Internet: www.mikolite.com

The producer retains the right to change specifications or combination of the products without further notice.