

AMC BENTONITE PLUG™

Specialty Products & Chemicals

IMDEX™

Description

BENTONITE PLUG™ is used as sealant for hole abandonment, casing seals or any vertical seal to prevent water movement up or down a borehole. BENTONITE PLUG is available in a variety of grades ranging from fine to coarse.

Application

Sealing of piezometers in boreholes provides a seal between aquifers to prevent water migration. When absorbing water, BENTONITE PLUG™ swells to fill voids, exerting pressure against all surfaces to create a flexible, low permeability seal. Under most conditions, a seal is established within one hour.

Recommended Treatment

Hole diameter		kg of PLUG per meter of hole	
mm	Inches	Medium	Coarse
64	2.5	4	Not recommended
101	4	10	9
127	5	16	13
152	6	23	19
203	8	42	34
305	12	119	75

Please Note: Several factors will dictate the most appropriate concentration rate. Please contact your nearest AMC representative for optimum results.

Advantages

- Creates an impermeable barrier
- Easy to apply
- Helps stabilise casing

Typical Physical Properties

Appearance: Beige to tan chips

Specific gravity: 2.4 – 2.6

ASIA PACIFIC

Perth, Australia (Head Office)
+61 8 9445 4000

Indonesia
+61 (0) 21 759 11244

AFRICA

South Africa
+27 (11) 908 5595

EUROPE

Norway
+47 72 87 01 01

Germany
+49 4402 9650-0

United Kingdom
+44 (0) 1273 483 700

SOUTH AMERICA

Argentina
+54 9 261 211 3676

Brazil
+55 (47) 3404 5920

Chile
+56 (2) 2589 9300

Peru / Ecuador
+51 (1) 322 8850

NORTH AMERICA

USA / Canada
+801-364-0233

Mexico
+52 (871) 169 2095