

AMC BENTONITE PLUG™

Specialty Products & Chemicals



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

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