

Absorbent blocks

Disposal of low level radioactive waste liquids

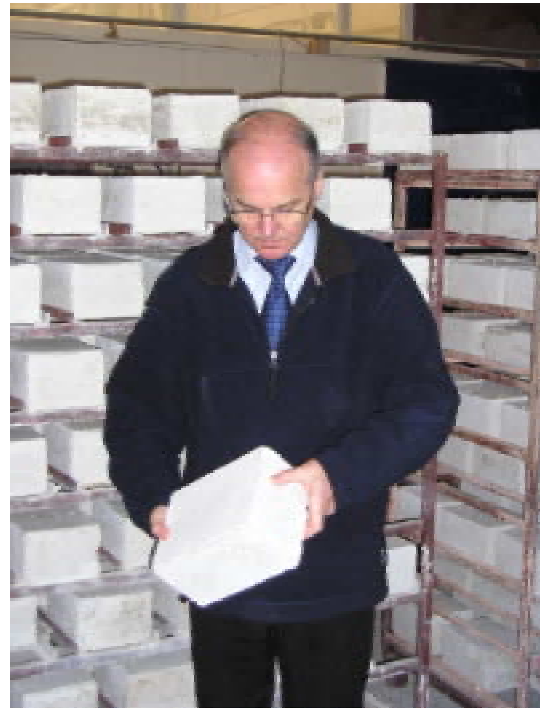
Cementitious Absorber blocks for absorbing low level active liquid nuclear waste, before encapsulation.

Features:

- Each block retains 3.2 liters of liquid
- Very stable long term storage (500 years +)

Applications:

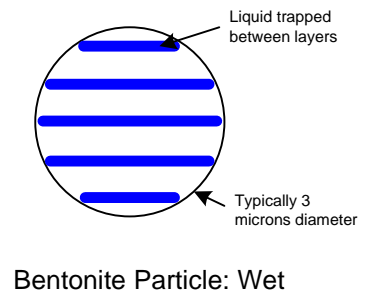
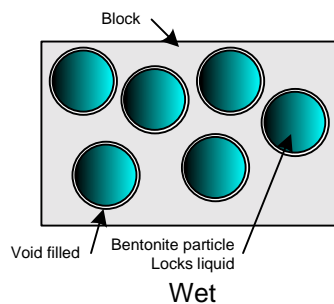
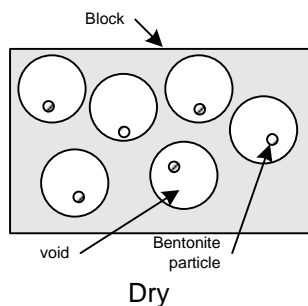
- Disposal of low level radioactive waste liquids
- Spill bunds
- Liquid Storage



Absorbent blocks have been developed and are manufactured by Smith Engineering (GB) Ltd.

Mechanism:

When dry the block contains microscopic voids, each containing a dehydrated particle of bentonite. When liquid comes into contact with the block the bentonite absorbs the liquid and swells to fill the void. Once the liquid is absorbed by the bentonite it is in a stable state and will not leach out or leak.



Specifications:

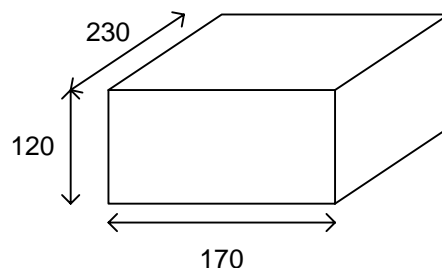
Length: 230 mm
Width: 170 mm
Height: 120 mm

Dry weight: 3.5 Kg
Wet weight: 7.5 Kg

Retained liquid: 3.2 litres minimum

Delivery: Palletized packs of 135 blocks

Availability: Ex-stock. Staged deliveries available.



Smith Engineering (GB) Ltd
Solway Industrial Estate
Maryport, Cumbria
CA15 8NF

Tel: +44 (0) 1900 815831
Fax: +44 (0) 1900 815553

