

Absorbent Disks

Disposal of low level radioactive waste liquids

Cementitious Absorber blocks for absorbing low level liquid nuclear waste before encapsulation.
Designed specifically for disposal of Zinc Bromide

Features:

- Designed to be loaded into standard 550mm diameter drum
- Very stable long term storage (500 years +)
- Loading hooks as required

Applications:

- Disposal of low level radioactive waste liquids
- Disposal of Zinc Bromide
- Tritiated water storage

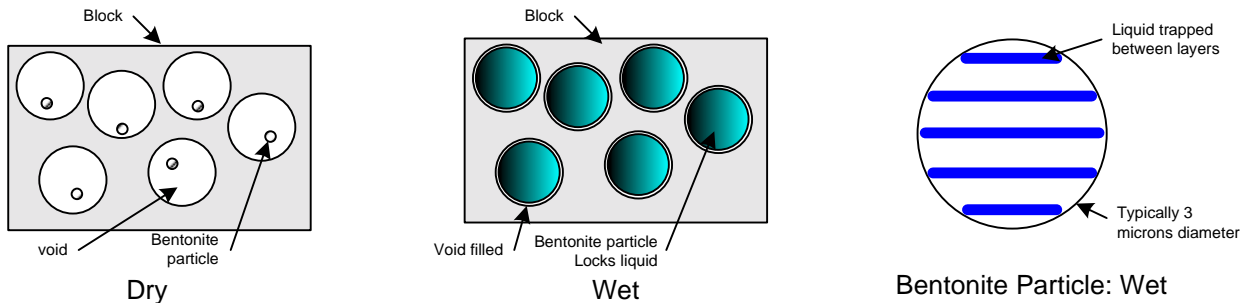


Absorbent blocks have been developed and are manufactured by Smith Engineering (GB) Ltd.

Recess holds viscous liquid until absorbed into block allowing a layered approach to stacking within a 550mm diameter drum (10 per 200L drum).

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:

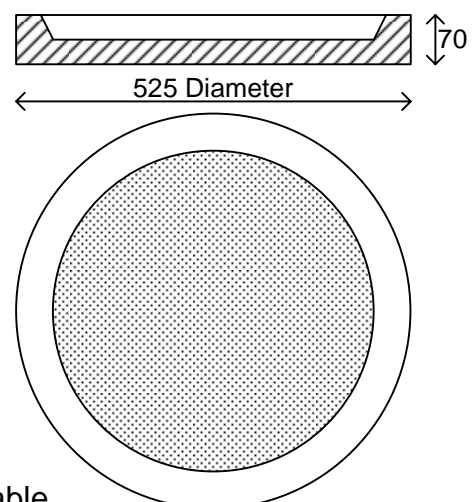
Diameter: 525 mm
Height: 70 mm

Dry weight: 8.8 Kg
Wet weight: 15.5 Kg

Retained liquid: 6.7 litres minimum

Delivery: Palletized packs of 25 disks

Availability: Usually ex-stock. Staged deliveries available.



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