

I.C. BRINDLE

& Co. Ltd

AQUA-SAC®



AQUA-SAC® is used by emergency services or by whoever may need a swiftly deployed flood defence sandbag

AQUA-SAC® comprises a heavy duty jute sack with a cotton liner containing a super absorbent polymer

Transport—The unit weight is only 440g which means that a standard pack of 25 bags weighs less than one inflated sandbag



Storage—The uninflated bags are compact enough that 1000 can be stored on one standard pallet compared to only 25 traditional sandbags

Shelf Life—AQUA-SAC® are contained in sealed packs with a shelf life in excess of 5 years



Environmental Impact—The bags have little impact on the environment as both the jute sack and the cotton liner are biodegradable. The super absorbent polymer is benign with no toxic effects ensuring that the bags can be safely disposed of in landfill or by incineration. Alternatively the super absorbent polymer can be used as a hydrating medium by adding it directly to soil



Use —The bag is simply submerged in water for approximately 5 minutes after which time 13 litres of water will have been absorbed creating an inflated sandbag .The fully inflated bag weighs 13kg thus conforming to UK health and safety legislation for a single lift (Max. 15kg) and measures 10.5cm high, 54cm long and 31cm wide

Stowage - With it's small pack size and weighing only 440g, it is easily stowed

Endurance - Suitable for sustained use at major incidents

www.icbrindle.com
products that save lives

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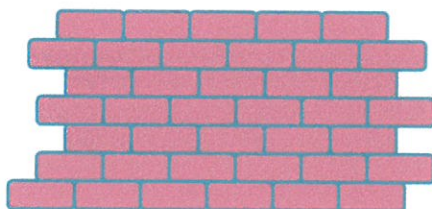
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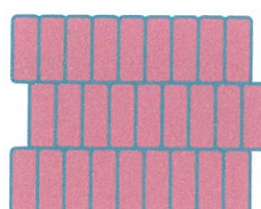
Procedure for building an AQUA-SAC® wall and dams

- Building an AQUA-SAC® wall up to 63cm high by 93cm deep and 1 metre long requires approximately 36 inflated AQUA-SAC® bags
- Note: Building a wall can be strenuous so it is very important that all those involved are fit enough to carry out this task
- To build an AQUA-SAC® wall identify firm and level ground, free from obstructions
- If the wall or dam is going to be in place for a long period of time PVC sheeting should be used to form a barrier on the wet side of the wall
- The area must be hosed down afterwards to prevent slipping hazards

There are two ways of laying sandbags - Headers & Stretchers

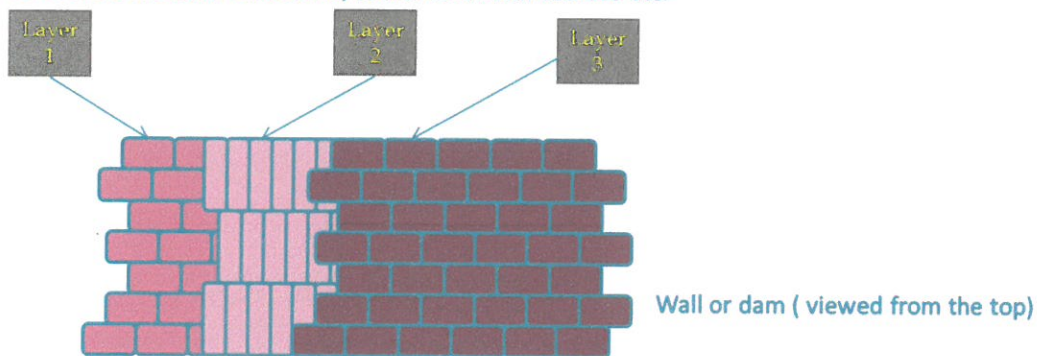


Headers (viewed from the top)



Stretchers (viewed from the top)

Headers should be used on first, third and fifth courses etc.
Stretchers are used on second, fourth and sixth courses etc.



Wall or dam with PVC barrier (viewed from the side)

