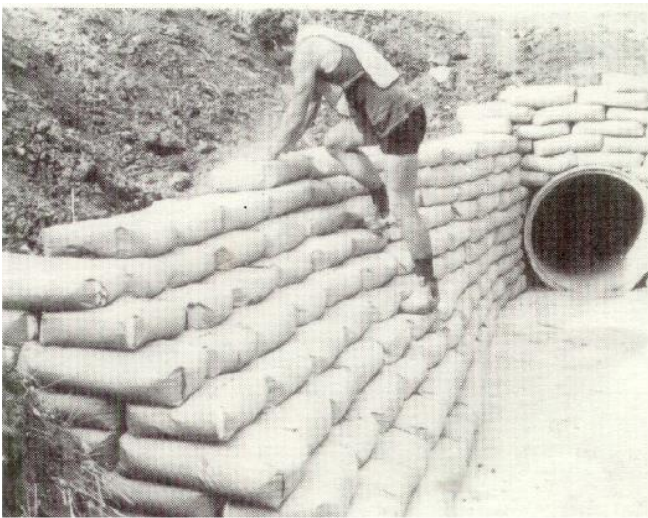


PRODUCT DESCRIPTION

Adelaide Brighton Cement produces Rip Rap, a blended cement in pre-filled, permeable, reinforced paper bags.

When exposed to moisture, Rip Rap bags are designed to permit the passage of water through to the cement facilitating hydration resulting in a solid, durable tiered barrier when placed accordingly.

Rip Rap bags are colour consistent and blend in with their surroundings. Over time, the paper bag evenly degrades away.



SUPPLY

Rip Rap is available in 20 kg permeable reinforced paper bags from the Birkenhead works and selected retail hardware and building supply outlets. Paper bags are palletised and stretch wrapped.

Rip Rap bag dimension: 400 x 300 x 115 mm.

SPECIFICATION

Rip Rap is manufactured under a third party certified manufacturing and supply quality assurance system to ISO 9001 (BSI Certification No FS 604665).

APPLICATIONS

Rip Rap is used to construct temporary and permanent retaining walls for highway and railway cuttings, pipe and culvert headwalls and sidewalls, bridge revetments, earth fills, stabilisation of underwater cables and pipelines, retaining of park pathways, lake, canal, and creek surrounds, landscaping, boat launching ramps, and permanent trench walls.

LIMITATIONS

The application of Rip Rap is beyond the control of Adelaide Brighton Cement, therefore no responsibility can be accepted for the in-situ performance of the product.

The end user is strongly encouraged to consult with a qualified civil engineer if Rip Rap is to be utilised as a means of retaining earth or backfill.

ADVANTAGES

Bag material

- Special attention has been given to selecting a colour and texture that blends well with its surroundings.
- Designed to degrade evenly over time.
- Cement will not leach out, but moisture can readily migrate inwards facilitating hardening of the product.

Functionality

- In-situ form appearance is neat and regular.
- Bags are easily transported, usually on pallets. When access is difficult, Rip Rap can be conveyed easier than most other materials used for erosion control.
- Positioning of bags requires only the use of placement labour. No special equipment, tools, or fasteners are necessary.
- Obstructions on a slope can be readily surrounded with mouldable Rip Rap bags.
- Extremely fast yet permanent corrections of soil erosion problems can be obtained with Rip Rap.

DIRECTIONS FOR USE

- The ground in contact with the bottom layer of Rip Rap should be solid and free of loose material.
- Bags should be placed tightly together and tamped into final position with a heavy flat object.
- Once all bags are placed, the entire Rip Rap structure should be saturated. If a water supply is not readily available, the bags will absorb moisture from the surrounding ground over time or when it rains.
- In construction of a tiered barrier wall, bags should be placed in a running bond pattern and should be stepped or inclined for added rigidity.
- A stronger wall is achieved by placing the longest bag dimension at right angles to the barriers alignment.
- When additional stability is required or the barrier is subjected to moving water, steel rods can be driven through the bags.

COVERAGE

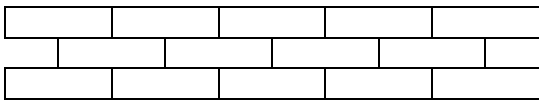


Figure 1. Stacked in wall length wise (22 bag/m²), vertical view



See Figure 1

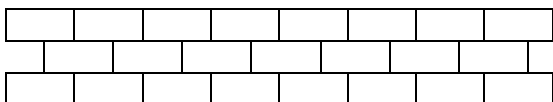
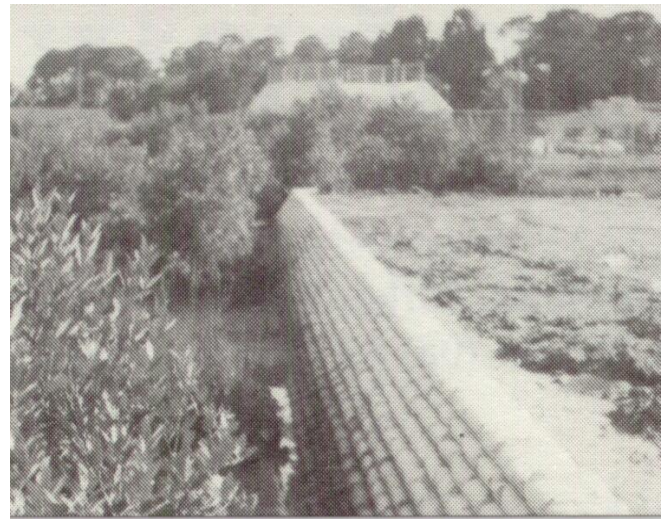


Figure 2. Stacked in wall width wise (29 bags/m²), vertical view



See Figure 2

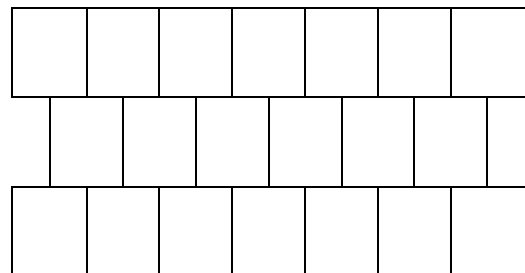


Figure 3. Laid flat (9 bags/m²), horizontal view

HANDLING AND STORAGE

Manual handling of bag products without due care and attention may result in personal injury. Unless you have been trained in manual handling methods, it is suggested that you share the load with another person.

Rip Rap can be stored for up to six months provided protection against ingress of moisture is observed throughout the storage of the product. To achieve optimum results, ideally use within 3 months of purchase.

Ingress of moisture can occur due to rain, liquid spillage (on or around the product) or a high humidity climate. Such exposure will degrade the performance of the product.

SAFETY INFORMATION

For safety information refer to the safety datasheet for Rip Rap.

**CONTACT POINTS**

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- Assess and control any risks associated with the information or product; and
- Obtain professional advice in relation to the use of the information or product.

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