

**DESCRIPTION:** DAM SAC is a concrete sand bag. DAM SAC combines the strength and durability of concrete with the ease of placement of a sand bag. DAM SAC, packaged in a perforated bag, is a concrete mix that will gradually harden to form a durable concrete installation.

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**USES:**

1. Culvert head walls.
2. Low retaining walls.
3. Bank protection for erosion or water control.
4. Foundations for miscellaneous projects such as boat slips, bulkheads, ramps, storage tanks etc.

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**ADVANTAGES:**

1. Simple to install.
2. No form work, mixing or finishing work.
3. Cost-effective system.
4. A permanent solution.
5. Easy handling and quick installation.
6. Versatile product.
7. No special tools required.

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**PROCEDURES:**

1. Stack bags in overlapping pattern as required.
2. Dampen each layer with water as installed.

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**TECHNICAL DATA:** The compressive strengths outlined below are representative of typical values achievable under controlled laboratory conditions. Results obtained in the field may vary from those stated.

Compressive Strength:  
DAM SAC will gradually harden to a compressive strength of 20 MPa (3,000 psi).

Bag Dimensions:  
10 cm x 28 cm x 58 cm (4" x 11" x 23")

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**LIMITATION:** DAM SAC should be used only for simple applications as described above. A proper engineering design is required when using DAM SAC in the construction of more complex structures including, but not limited to, high retaining walls (2 1/2 feet or higher), foundations for heavy machinery or reinforced concrete structures.

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**PACKAGING:** 30 kg packaging available in paper, jute or synthetic bags.

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**SAFETY PRECAUTIONS:** DAM SAC contains Portland cement and other carefully selected additives. Normal safety wear such as rubber gloves, dust mask and safety glasses, used to handle conventional cement-based products, should be worn. Material Safety Data Sheets are available upon request.

**01/07**

Liability for damages or defective goods shall be limited to the refund of the purchase price or product replacement.