BENDCRETE
CLIMBING WALLS

If young Fred can't get to the mountain . . . why not bring the mountain to Fred

Young Fred could conceivably become an Everest conquerer one of these days. Learning the techniques means Fred must practice on some other mountain first.

Bendcrete is the cheapest realistic method yet designed for bringing a slice of Mountainside right into Fred's school yard or recreation centre.

On a real mountain Fred would have to struggle many miles to encounter all the basic problems which with Bendcrete are concentrated into one convenient unit.

Fred is lucky, his start to climbing could have been haphazard. But Bendcrete walls are designed with Fred in mind. From his first step his progress has been planned. Even when he has become very good, Fred could keep in form on severe practice routes.

Keep climbing Fred!

What is Bendcrete

Bendcrete is a thin shell reinforced concrete technique which keeps weight to a minimum. Climbing walls are constructed from pre-fabricated panels which join together into a continuous wall. Almost any shape can be "bent" using this technique.

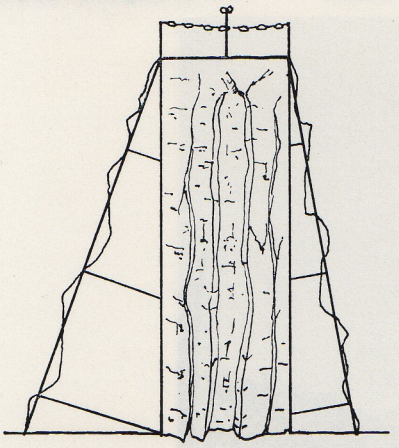
The Advantages

1. Expensive moulds are not required and it is therefore cheaper than fibreglass and cast concrete.
2. Shapes can be produced which would be impracticable to mould.
3. It simulates the feel and texture of natural rock and can be finished to simulate limestone, granite or sandstone.
4. Tremendous flexibility in design is possible. Special features can be incorporated and walls built to customers' specifications.
5. It is impervious to weather and is ideal for indoor and outdoor use. It can be installed in existing buildings and used to improve brickbuilt walls.
6. Maintenance is minimal. Bendcrete like all stone eventually wears with use but refacing worn holes is simple and inexpensive to carry out.
7. By purposeful design, the maximum use can be made from relatively small areas.
8. Any type of climbing footwear can be used.
9. Suitable for expert and novice. It provides the irregular contours of rock rarely seen on brick walls.

Rock Features

Overhang, buttress, crack, chimney, pinchgrips, jug handles, pressure holds; whatever the feature it can be included in the wall. Belay points, strategically placed for maximum protection, can be built in as spikes, chocks or eyebolts fitted to represent pitons. Platform space to belay from allows two-stage climbing to be practised.

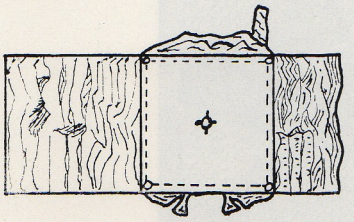
Design

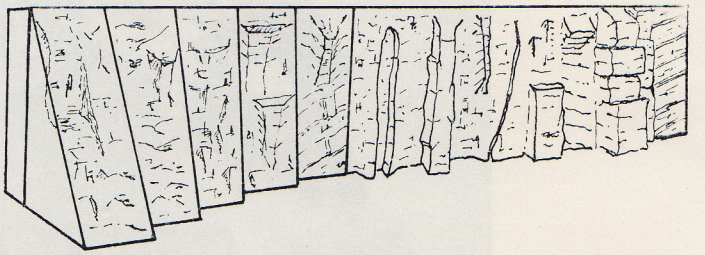


Bendcrete offers tremendous design potential. Any feature can be reproduced and variety in contour and angle is infinite.

Design is based on Pre-fabricated sections which join together as a continuous wall. Alternatively the unit can be built as a tower or stack. Each section can contain one or more climbing problems and a generous number of hand and foot holds of various size and type.

Standard section designs are available although any design or feature can be incorporated.





Choosing the Site

Conventional climbing walls built on to the end wall of a sports hall or gymnasium have always been a compromise between cost, space, other activities and desirable climbing features. Vertical, flat and limited in use they often serve as a deterent to the novice and inflexible to the expert. Climbing schools never start novices on vertical walls as bad habits develop quickly and children learn to "hang" rather than climb.

Indoor climbing is not compatible with other indoor activities and often makes less efficient use of the space than the activities displaced.

An outdoor wall gives complete design freedom, increases activity potential and puts the sport into its natural environment. A natural rock feature can add aesthetically to any site.

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