

SECTION 13120
CLIMBING WALLS

Durastone

PART 1 - GENERAL

1.1 SUMMARY

- A. This section includes the following:

1. Climbing wall.

1.2 SYSTEM DESCRIPTION

- A. Modular artificial 4' by 4' climbing wall Panel with the look and feel of real rock that is designed for customer to self-install

1.3 QUALITY ASSURANCE

- A. Panel manufacturer shall be as specified. No substitutions will be permitted.

1.4 DELIVERY, STORAGE AND HANDLING

- A. Protect products during transit, delivery, storage and handling to prevent damage, soiling and deterioration.
- B. Protect panel finish and edges in accordance with manufacture's recommendations.
- C. Store panels in accordance with manufacture's recommendations

1.5 WARRANTY

- A. Panel manufacturer shall warrant to the original purchaser for 30 days from the date of purchase that its products are free from defects in materials and workmanship.

PART 2 - PRODUCTS

2.1 CLIMBING WALL MANUFACTURER

- A. Entre Prises Climbing Walls USA
20512 Nels Anderson Place, Bend, Oregon 97701
Phone (541) 388-5463, Fax (541) 388-3248 fax

2.2 ARTIFICIAL CLIMBING WALL MATERIALS

- A. Modular DURASTONE climbing wall system manufactured by Entre Prises USA.

2.3 CLIMBING WALL COMPONENTS

A. DURASTONE panels as manufactured by Entre Prises USA.

1. DURASTONE panels shall be a composite material
2. Panel system shall be designed for straight forward installation by the customer
3. Panel system shall be attached to existing wall with frame described in Installation drawings
4. Panel system shall provide 4 different mold patterns to prevent repetition
5. Panel patterns shall allow for panels to be installed in any orientation while maintaining the continuity of the real rock features from panel to panel.
6. Panel shall feature real rock texture; smooth or slippery plastic or Polyethylene textures will not be accepted.
7. Panel must be acceptable for indoor and outdoor use
8. Panel system shall provide modular climbing hold attachment locations compatible with 3/8"-16 threaded fasteners for surface mount.
9. Average panel weight shall be 54 lb
10. Projected panel size: 48 inches by 48 inches with a variance less than ¼ an inch

B. Fold up, Locking Floor mats

1. 4' x 6.6' x 2 3/8" Vinyl Floor mats shall be provided
2. Mat shall be dual density, 1 3/8 crosslink and 1" polyurethane
3. Mat shall be 6.6' long, with hinge in foam 6" from the wall. 6" foam section attaches directly to existing wall with provided Velcro. Mats with grommet flaps for attachment will not be accepted.
4. Mats shall include bungee cords on top for attachment to handholds on climbing wall.
5. Mats shall include a sleeve below the bungee for optional use of wire and pad lock to secure mats.
6. Mats shall display a "No Climbing" symbol while mats are in up position
7. Mats shall attach to each other with Velcro on long side to create one solid landing zone

C. Handholds

1. Package shall include Durastone Compatible polyurethane handholds Manufactured by Entre Prises USA, Inc. Acceptable sets include Kidz, Chain Reaction, Free Radicals, Arrhythmia, Small Patina Edges, Large Bomber Jugs, Medium Imprint Micro Jugs and Positrons.
2. Package shall include handholds that serve as both hooks for the mats and handholds
3. Package shall include bolts for attaching handholds, plain coated for indoor use, zinc or stainless steel for outdoor use.

2.4 INSTALLATION

- A. Installation provided by customer per installation instructions provided (see attached)

2.5 FASTENERS

- A. Durastone Panel: Manufacture shall provide screws 1 ¾ inch painted to match color of panel; 9 per panel.

B. Modular Hand Hold:

1. Shall be 3/8" – 16 socket head cap screws of appropriate length as suggested by the manufacturer.

C. Modular Hand Hold attachment backer plates:

1. Shall be made of stainless steel nut welded to a 16 gauge (min.) stainless steel plate.