



RhinoRockTM
CONCRETE FENCING



Dialogue Concrete Fence

Just 270 pounds per nine foot panel!

Can you even begin to imagine working with concrete this lightweight?

RhinoRock Concrete Fence's 6 x 9 foot prefabricated panels weigh just 270 pounds and are plain and simply easier to install than the same size concrete panel weighing 2,500 pounds. A three man crew can install 300 to 600 linear feet per day, by hand, compared to a much larger crew that must rely on cranes and heavy construction equipment pouring concrete.

RhinoRock's concrete fence panels are manufactured by combining a high performance fiber reinforced concrete outer shell with a structural foam core. This unique process is what gives this fence system its lightweight, yet durable characteristics. Highly technical testing results show that these panels can support over one and a half tons of water placed on their free spanning face, or the equivalent of a 140 mph wind load.

RhinoRock Concrete Fence is the right choice for homeowners or businesses who want a concrete fence system that is easy to install, easy to maintain and will last a life-time.



Natural Gray Concrete Fence



A new kind of concrete fence - the affordable kind!

LIGHTWEIGHT CONCRETE FENCE



Brownstone Concrete Fence

Features:

- Panels come in 6 foot heights, but can be installed for 7 or 8 foot heights
- 140 mph wind load factor
- Virtually maintenance free
- Not affected by water
- Dimensionally stable
- Unaffected by seasonal temperature changes
- Totally UV stable
- Is a green product - 50% of concrete material is made from recycled material

Standard Colors:



Bombay
(highlight - Sandstone)



Brownstone
(highlights - Porpoise, French Roast)



Natural Concrete



Dapper Tan
(highlights - Terra Brun, Porpoise, Cardboard)



Dialogue
(highlights - Porpoise, Terra Brun, Cardboard)

Note: All panels ship Natural Concrete color. Panels are stained on site to create specific color combinations.

RhinoRock Concrete Fence Specifications

| | | |
|--|---|--------------------------------|
| Dimension of panel | 182 cm x 259 cm | 72" x 102" |
| Weight of panel | 105 kg | 270 lbs |
| Weight per area | 21.5 kg/m ² | 4.9 lbs/ft ² |
| Thickness of panel | 115 mm | 4.5" |
| EPS foam core thickness | 63-95 mm | 2.5 - 3.75" |
| Glass fiber reinforced concrete shell thickness | 9 mm | 5/16" |
| Percent glass fiber by volume | 4 - 4.50% | |
| Compressive strength of proprietary concrete mix design | 4 x 10 ⁷ N/m ² | 5,800 psi |
| Ultimate tensile strength of glass fiber reinforced concrete | 9.6 x 10 ⁶ -1.4 x 10 ⁷ N/m ² | 1,400 - 2,100 psi |
| Wind load capacity of panel | 225 km/h | 140 mph with 1.6 safety factor |
| Axial load capacity of panel | 1,644 kg/lineal meter | 1,100 lbs/lineal foot |
| Moisture absorption of EPS foam core by total immersion | <4% | |
| Combustibility of glass fiber reinforced concrete shell | Non-combustible | |
| Freeze/thaw performance | 200 freeze thaw cycles with no damage | |
| Derby, fungus, or mushroom attack | None | |
| Termite food source | None | |



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