

## SALIENT CHARACTERISTICS FOR DOCK FLOTATION

The dock flotation is required to add buoyance to aging docks at Clear Lake Resort. The current dock flotation is floating up to 2inches below the water line where proper flotation should have half of the surface area above water. The current flotation has up to a 14inch deficit. This deficit produce a life and safety hazard when the dock is exposed to heavy live loads of users.

The dock flotation must have the following Salient Characteristics:

- Outer shell made of 100% Virgin prime grade polyethylene.
- Filled with molded in place 100% Virgin 1pcf Expanded Polystyrene.
- Encasement Wall Thickness of 0.150" nominal and 0.125" minimum thickness.
- Meet or exceed ASTM D1998-06 Falling Dart Impact Test.
- Maximum water absorption rate of 3.0 lbs per cubic foot in seven days, i.e., meets 7-Day Hunt Water Absorption Test.
- Buoyance ratings must be tank-tested and certified.
- Billets measuring 24"x96"x12"
- Color - Black