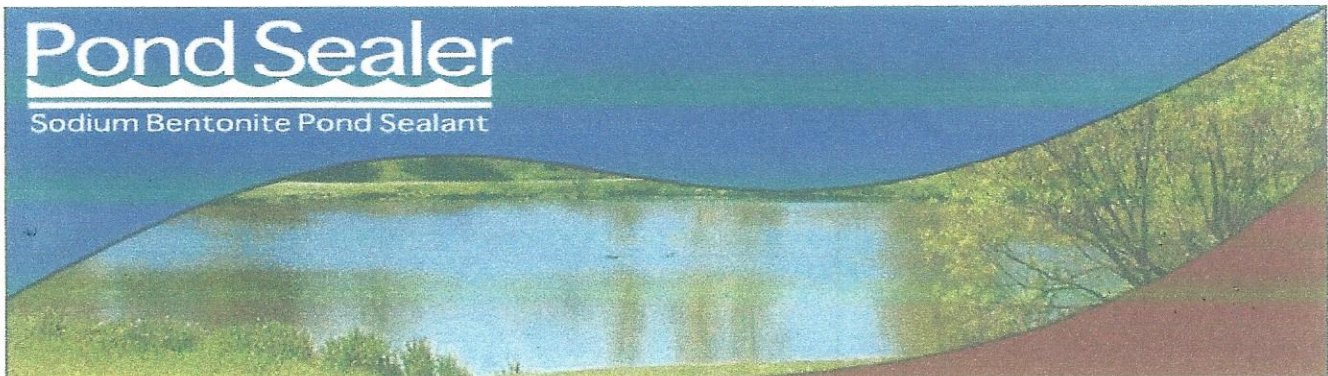


Pond Sealer

Sodium Bentonite Pond Sealant

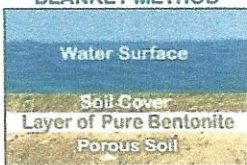


- [Home](#)
- [What is Bentonite?](#)
- [Application Guide](#)
- [Photos](#)
- [Order](#)
- [Contact Us](#)

APPLICATION METHODS

(Click the method for details)

BLANKET METHOD



MIXED BLANKET METHOD



SPRINKLE METHOD



Application Guide

Soil type and pond size are the key factors in determining the amount of sodium bentonite required to seal ponds. Normally, coarse soils require more bentonite.

SOIL TYPE	APPLICATION RATE (lbs. per square foot)
Clay	1.0 - 1.5
Sandy Silt	1.5 - 2.0
Silty Sand	2.5 - 3.0
Clean Sand	3.5 - 4.0
Rock or Gravel	4.0 - 5.0

The permeability of Pond Sealer is $1.9 \cdot 10^{-9}$ cm/sec.

If the size of pond is known and the type of soil is available, the chart above gives a good estimate on the amount of bentonite needed to seal pond. The chart is based on water depths of up to eight (8) feet.

For depths greater than 8 feet:

Since greater water depths increase the pressure on the bottom of the pond, increase the application rate listed in the chart above by one pound per square foot for every 8 feet of additional water depth. For example, add one pound per square foot to the "Application Rate" for depths of 8' to 16'. Add two pounds per square foot to the "Application Rate" for depths of 17' to 24', and so on.

Performing a **SOIL TEST** is another good way to estimate. You can perform the soil test yourself or contact your local conservation service for a free test.

[Terms of Use](#) | [Privacy Policy](#)
 ©2009 PDS Co., Inc. All Rights Reserved. 800.243.7466
 site by [Astonished Man](#)