



# Voltite® Waterproofing Solutions

## VOLTITE DuraMax

Voltite DuraMax is a sodium bentonite with special dry polymer additives. It is suitable for the preparation of every drilling fluid and most other civil engineering applications.

	<b>Test Method</b>	<b>Unit</b>	<b>Typical Value</b>
<b><u>GENERAL PROPERTIES</u></b>			
Moisture	ACC TP-2006	%	.12
Free Swell	ASTM D 5890	ml/2g	25
Fluid Loss	ASTM D 589 I	ml	15
Water Absorption	ASTM E946-92	%	600
Specific Gravity	As accepted	-	2,50
Particle Sizing	ACC TP-1015	200 mesh	85% Min passing
Specific Gravity	ISO 9863-I	mm	5,0
<b><u>PACKAGING</u></b>			
Bags	-	kg	25/50
Jumbo Bags	-	ton	1 / 1,2

### **APPLICATIONS**

- ❖ Fresh water drilling
- ❖ Angle drilling
- ❖ Horizontal drilling
- ❖ Jacking

### **BENEFITS**

- ❖ Low fluid loss and consumption
- ❖ Maintains borehole integrity
- ❖ Highly concentrated
- ❖ Prevents bit balling problems

### **MIXING AND DOSAGE**

Voltite DuraMax should be mixed slowly with water using a highly efficient jet mixer. Dosage changes according to the kind of use and to stratigraphy.

### **STORAGE**

Keep Voltite DuraMax in a dry place on pallets as lying flat and closed in original packaging. At outdoor storage, well-drained location and protective waterproof plastic sheeting is recommended.

Further Information: Voltite DuraMax can be used in several areas. For further application details and technical support please contact our local offices.