



Voltite® Waterproofing Solutions

VOLTITE DuraMer

Voltite DuraMer 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 in saltwater requiring high stabilizing properties.

	<u>Test Method</u>	<u>Unit</u>	<u>Typical Value</u>
<u>GENERAL PROPERTIES</u>			
Moisture	ACC TP-2006	%	.10
Free Swell	ASTM D 5890	ml/2g	28
Fluid Loss	ASTM D 5891	ml	12
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 9863-1	mm	5,0
<u>PACKAGING</u>			
Bags	-	kg	25/50
Jumbo Bags	-	ton	1 / 1,2

APPLICATIONS

- ❖ Fresh water drilling
- ❖ Slurry walls
- ❖ Tunnel Boring
- ❖ Foundation Drilling

BENEFITS

- ❖ Low cost slurry disposal
- ❖ Easily hydrates at salty water
- ❖ Highly concentrated
- ❖ Lubricating Characteristics

MIXING AND DOSAGE

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