

VOLCLAY® SOIL SEALANTS

BACKGROUND

VOLCLAY® soil sealants are granular sodium bentonite products mined and process by CETCO which, when mixed with existing site soils, provide economical low permeability soil liners for a wide variety of containment applications.

VOLCLAY soil sealants can be utilized for a number of different applications including reservoirs, secondary containment, agricultural waste containment, ponds, slurry trenching and wastewater treatment, among others. VOCLAY soil sealants can be used in fresh water lakes or contaminated wastewater lagoons.

VOLCLAY SOIL SEALANTS					
PRODUCT	CP-200	CG-50	CC-8	TG-50	SG-40
DESCRIPTION	POWDER BENTONITE MEETS API 13A	UNTREATED GRANULAR PARTICLES	COARSE GRANULAR BENTONITE	CHEMICALLY TREATED BENTONITE	POLYMER TREATED BENTONITE
PRIMARY APPLICATIONS	LANDFILL LINERS AND CAPS, SLURRY WALLS	GENERAL PURPOSE SEALANT FOR ANY APPLICATION	"SPRINKLE METHOD" FOR LEAKING PONDS	CONTAINMENT OF CONTAMINATED LIQUIDS	FRESHWATER PONDS
FREE SWELL	16 ML/2G	24 ML/2G	24 ML/2G	24 ML/2G	24 ML/2G
BARREL YIELD	90 MIN.	N/A	N/A	N/A	N/A
MOISTURE CONTENT	12% MAX.	12% MAX.	12% MAX.	12% MAX.	12% MAX.
PARTICLE SIZE	70% MIN. - #200	5% MAX. + #10 15% MAX. - #200	20% MAX. + #8 20% MAX. - #20	5% MAX. + #10 15% MAX. - #200	5% MAX. + #10 15% MAX. - #200
DRY BULK DENSITY	54 LBS/FT ³	65 LBS/FT ³	65 LBS/FT ³	65 LBS/FT ³	65 LBS/FT ³

+ = retained on

- = passing

UPDATED SEPTEMBER 2008

IMPORTANT: The information contained herein supersedes all previous printed versions, and is believed to be accurate and reliable. For the most up-to-date information, please visit www.CETCO.com. CETCO accepts no responsibility for the results obtained through application of this product. CETCO reserves the right to update information without notice.



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