

Technical Data Sheet

PV Cement (ASTM C1157)

Product Description: PV cement is used in the environmental Industry for treatment of waste containing soluble metals. PV Cement is one of the most versatile and widely used reagent systems used in California. This is significant because of California's STLC testing protocol that is far more aggressive than Federal TCLP protocol. PV Cement also has a pH indicator that allows the user to verify proper dosage in the field. This indicator raises the level of success and minimizes the need for retreating.

Applications For PV Cement: Treating incinerator ash, metal recycling residue, contaminated soils, oil field waste, plating waste and other solid or liquid waste with soluble metals. In most cases due to the stability on the end product, waste treated with PV Cement can be used as daily cover at landfills or engineered fill.

Physical Properties:

pH Value	11.8
Absorption Performance (by wt. with H ₂ O)	~125%
Specific Gravity	2.9—3.1
Bulk Density	85 pcf
Stackability	<24 hrs

Example Treatment	Zinc (mg/L)	Lead (mg/L)	pH of Extract
Untreated Sample	1880	41.5	5.4
CA Regulatory Limit	250	5.0	-
Sample Treated with PV Cement	33.5	1.5	11.8

Available Packaging:

Bulk, Rail, or 3000 lb. bulk bags.

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