

TECHNICAL DATA SHEET

GENERAL DESCRIPTION:

- Increases cement mill productivity from 7% to 15%
- Reduces energy consumption
- Increases cement's both early and late compressive strength from 1D to 28D
- Performs well on both vertical and ball mills

TECHNICAL ANALYSIS

Test Item	Method of Experiment	Unit	Standard
Specific Gravity	ASTM D792	g/cm ³	1.08 ± 0.02
pH	ASTM D1293		10 ± 2

PROPERTIES AND GENERAL ADVICES

- Appearance : Yellow-Brown liquid
- Odor : Odorless
- Usage : apply on clinker conveyor or directly into mill
- Dosage : 0.035% - 0.05%

PACKAGING

- 200 KG / 215 KG (Drum)
- 1.1 MT (IBC Tank)
- 21-24 MT (Flexibag)

TEST CONCLUDED ON PC50 PORTLAND CEMENT (MANUFACTURER: VICEM)

Material	Clinker (%)	Gypsum (%)	Grinding Aids (%)
Plain PC50	96	4	-
PC50 with 2309K-2	96	4	0.035

Mortar composition	22% PC50 Cement, 66% Graded Sand, 12% Water
--------------------	---

End product	Area Density (cm ² /g)	Compressive Strength (N/mm ²)			
		1 Day	3 Day	7 Day	28 Day
Plain PC50	3.488	9.2	27.6	36.3	51.2
PC50 + 2309K-2	3.488	13.9	32.6	42.7	57.9

