

## TECHNICAL DATA SHEET

### GENERAL DESCRIPTION:

- Reduces significantly water amount needed to reach required compressive strength target
- Rapidly increases early strength from 0 to 10 days
- Improves workability (mobility and fluidity)
- Enhances pumping rate
- Does not contain Chloride and does not cause corrosion on rebars

### TECHNICAL ANALYSIS

Test Item	Method of Experiment	Unit	Standard
Specific Gravity	ASTM D792	g/cm <sup>3</sup>	1.08 ± 0.02
pH	ASTM D1293		5.0 ± 1.0

### PROPERTIES AND GENERAL ADVICES

- Appearance : Yellowish-Brown liquid
- Odor : Odorless
- Usage : Readymix concrete, drilled pile shaft, long distance, high altitude projects
- Dosage : 0.7-1.2% / 100kg of binders

### PACKAGING

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

### TEST RESULT ON LOCAL CEM I 42.5N, FA, RIVER SAND, 4.75-25mm GRAVEL, 15cm CUBIC SAMPLE

ADM	W/c	S/a	Material Usage (kg/cbm)					
			C	F/A	W	S	G	ADM
PW1000	40.5	43.2	370	50	170	790	1036	1%

Test result	Slump (mm)				Compressive Strength (Mpa)		
	0'	60'	120'	240'	3D	7D	28D
PW1000	205	200	200	190	28.4	38.8	50.5

