

Table 2 ZM-ND-type doped concrete superplasticizer performance

Experiment items	Water reducing rate %	Ratio of bleeding rate %	Air content %	Difference in setting time (min)		Ratio of compressive strength, %				Shrinkage ratio, %28d	Corrosion to steel structure
				Initial setting	Final setting	1d	3d	7d	28d		
Enterprise Standard	18	90	2.5	(-90) - (+120)		150	140	135	130	130	No

Note: The test dosage is 0.75%