



# Thabet

## Multi-Purpose Construction Cement



Thabet	Bucket (1 bucket = 18 Liter)					Liter	
	Application	Cement	Powder	Coarse Agg.	Fine Agg.	Sand	Total Water
Foundations, Slabs & Columns	Bag	----	2.5	3.5-4.0	3.0-3.5	37.5±2.5	295
Pavements & Yards	Bag	----	2.5	3.5-4.0	3.5-4.0	40.0±2.5	285

### This guidance is only in case of no specified mix design identified by the project consultant

- Defined water quantities may change according to ambient temp. & humidity, Aggregates absorption and its clay content
- Aggregates used must meet the requirements of Agg. STD JS 96:1987
- Mix guide is designed on SSD Aggregate basis

### General Precautions

- Any Excess quantity of water added to the concrete leads to drop in strength & low durability.
- Defined water quantities may change according to ambient temp. & humidity, Aggregates absorption and its clay content
- Aggregates used must meet the requirements of Agg. STD JS 96:1987
- Mix guide is designed on SSD Aggregate basis
- Avoid pouring & placing the concrete in windy, snowy & rainy weathers
- Avoid pouring & placing concrete if ambient temp. is less than 5 °C or higher than 35 °C
- Concrete Setting may delay in cold weathers. For quicker setting, cement content should be increased
- Hardened concrete must be cured for 3 days, and should be kept wet for 7 days at least
- Cover wide concrete surfaces with plastic sheets to maintain its moisture as long as possible
- Curing compounds maybe used in case of very wide surfaces. Contact construction chemicals suppliers for more info
- Reducing cement quantities would lead to weak concrete strength & low durability
- Proper mixing is essential to produce homogenous concrete mix