INSEE Super Plus

Concentrated Mixed Cement

INSEE Super Plus...The New formula (40 kg.) concentrated mixed cement that ensures more solid and workable. The new INSEE Super Plus tested and evaluated by professional contractors that appears in the same quality as the general 50 kg. mixed cement with more efficient work.



Cement Qualification

INSEE Super Plus is high quality concentrated mixed cement which produced to conform to the Thai Industrial Standard of mixed cement: TIS 80-2550. INSEE Super Plus is suitable for general bricklaying and plastering work such as small concrete pile, concrete fence, concrete pavement, concrete tile, drain, pipes and etc.

Cement Mixing Instructions

To make concrete, there are four basics materials you need; INSEE Super Plus, sand, aggregate (stones) and water. Use the following mix proportions for each type of structures;

Type of Structure	Mixing Proportion (by volume)			
	INSEE Super Plus	Sand	Rock	Water
General Structure	1	2	4	1
Bricklaying works	1	3	-	1
Internal plastering works	1	2.5	-	1
External plastering works	1	3	-	1

Remarks: Use course sand for general structure and bricklaying works. Use fine sand for plastering works

Recommedation

- Use clean water, sand and stones for mixture
- Suitable for bricklaying and plastering concrete wall. For concrete wall, apply a dash, slush or slurry coat to the concrete wall before plastering
- Masonry/concrete surface to be clean and pre-wet the wall before plastering to help
- After applied plaster, protect your walls from the sun and wind to avoid cracking and peeling
- Store materials properly in a cool, dry place out of direct sunlight
- SHELF LIFE: two months from date of manufacture. Once open the cement bag, must be used within 1-2 days

Technical Specification

Bag Cement 40 kg.

Physical Qualifications	TIS. 80-2550	INSEE Super Plus
1. Blaine Air Permeability (sq.m./kg.)	≥320	600
2. Setting Time (Vicat Method)		
Initial (minutes)	≥45	76
Final (minutes)	-	176
3. Mortar Compressive Strength		
1 day (MPa)	-	7.9
3 days (MPa)	≥6.9	14.1
7 days (MPa)	≥11.8	17.6