

INSEE Fah

Portland Cement Type-5 (Sulfate Resisting Cement)

INSEE Fah is a Portland Cement Type V – High Sulphate Resistance manufactured conforms to ASTM C-150 Type V – High Sulphate resistance and its specification conforms to the Thai Industrial Standard for Portland Cement Type V - TIS 15 -1989



Cement Qualification

The INSEE Fah cement is suitable for the production of high durability concrete, which high sulphate resistant is required such as the undersea concrete structure or concrete work in the area, where contains high sulphate content.

Recommendation

- The proportion of cement ex. sand, rock gravel or crushed stone and water should be purified.
- Use up all the mixed proportion within 1 hours.

Mixing Proportion

- Mix the volumetric proportion INSEE Fah, rock gravel, sand and water as designed by Engineers.
- SCC is highly appreciated to give further support in technical information.

Packaging

- Bulk Cement

Technical Specification

Physical Qualifications	TIS 15-2547	INSEE Fah
1. Blaine Air Permeability (sq.m./kg.)	≥280	350
2. Autoclave Expansion (% maximum)	0.8	0.001
3. Setting Time (Vicat Method)		
Initial (minutes)	≥45	125
Final (minutes)	≤375	235
4. Mortar Compressive Strength		
3 days (MPa)	≥8	30
7 days (MPa)	≥15	35
28 days (MPa)	≥21	40