

SCG PORTLAND COMPOSITE CEMENT STRENGTH CLASS 42.5

*QUALITY PRODUCT
OF THAILAND*



CONFORMED TO EN197-1 : 2011

SCG PORTLAND COMPOSITE CEMENT CEM II

STRENGTH CLASS 42.5

Quality Product of Thailand

Product Information

SCG Portland-Composite Cement CEM II 42.5 N is a general use cement formulates using Materials Science and Innovative Hybrid Technology composed of clinker, gypsum, calcium compound and other special active ingredients. The product is certified by EN Standard EN197-1 : 2011.

Product Features

- Multi-purpose cement
- Suitable for all types of construction works
- Reduce Crack : minimize possibility of surface crack caused by shrinkage
- Low Porosity : resulting in higher-density concrete construction



How to Use

Materials Volume Ratio	Cement	Fine Aggregates (Sand)	Coarse Aggregates (Gravel)	Water
Lean Concrete	1	3	5	1
Conventional Concrete	1	1.7	3.6	to 0.5-1

Remarks
The concrete mix design and use of concrete may vary depending on individual project requirements under the supervision and recommendations of civil engineers.

ACCORDING TO EN STANDARD SPECIFICATION FOR SCG PORTLAND COMPOSITE CEMENT STRENGTH CLASS 42.5

TIME OF SETTING (Vicat Test)

Initial	Minutes	106	Min.
Final	Minutes	180	Max.

Compressive Strength Test	KSC	Psi	Mpa
2 days	-	-	23.8
3 days	240±15	3,500±200	-
7 days	300±15	4,300±200	-
28 days	350±15	5,000±200	45.8

Additional Suggestions



Recommendation for cement bag handling: For lifting, please bend one knee down and use upward thrust to pull the bag up while keeping back straight. Kids, Women, Elder and those who suffer from body conditions and disability shall not move the bag without assisting equipment.



Cautions • This product is not for consumption. • Direct contact or inhaling may cause allergy, irritation to the skin and respiratory system. Please follow the Safety Precautions below for optimal safety. • Once contact with the eyes, the cement may irritate the eyes and may become harmful.

Safety Precautions • Avoid breathing in cement or make direct contact. Please use qualified mask and goggles and wear waterproof clothes and shoes. • Shall cement come to contact with the eyes, please rinse immediately with plenty of clean water. Then, seek for medical attention. • Shall cement enter oral pathway or come into contact with skin, please rinse immediately with plenty of clean water. • Shall irregularities such as rash, irritation or burning sensation at the place which contacts with cement, please immediately seek for medical attention. • Clothes which were contaminated by cement should be washed thoroughly before reusing. • Do not use cement bag for food or drink. • Keep out of the reach of children.

Inquiry about details of application method, MSDS document or other information, please contact SCG Contact Center or www.scg-trading.com



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Agent's stamp