

INSEE Petch Quick Cast





For more detailed product information, please scan QR code

INSEE Petch Quick Cast

Precast cement with improved surface finishing

INSEE Petch Quick Cast is uniquely designed to provide a high early strength, improved surface finishing and increased productivity. This makes it perfectly suitable for small precast concrete production with superior productivity and quality of finished products.

INSEE Petch Quick Cast is designed especially for precast concrete products such as drainage pipes, concrete blocks, poles, piles, concrete fencing posts, concrete slabs, and prefabricated concrete panels.

Physical Properties Of INSEE Petch Quick Cast

Cement Properties		TIS 2594-2556 Hydraulic Cement Type GU	ASTM C1157-17 Type GU
Compressive Strength (MPa)			
3 days	Min	13.0	13.0
7 days	Min	20.0	20.0
28 days	Min	28.0	28.0
Setting Time (min)			
Initial	Min	45	45
Final	Max	420	420
Autoclave length change (%)	Max	0.80	0.80
Mortar bar expansion 14 day (%)	Max	0.020	0.020

Remark: Updated certification test report is available upon request.



Standard Specifications For Cement

- Hydraulic Cement Type GU, compliant with TIS 2594-2556 and ASTM C1157-17 Type GU



TIS 2594-2556

Key Benefits Behavior



Better finishing

- Better and smoother surface appearance, sharper edge and corner of concrete product



Higher productivity

- Faster manipulation or formwork removal with high early strength of concrete



Superior quality

- Less defects with stable cement performance

Reference Projects

Nara Town
Laemchabang



Villa Forest
Banbueng



Technical Consultancy Service



- Instructing methods for using cement and other construction materials appropriately
- Demonstrating proper ways to use INSEE products
- Advising about concrete work and other constructions
- One stop service via 1732

Notices

Packing:

- Bulk
- Big bag

Storage:

- It should be kept in dry storage, e.g., silos

Safety:

- Wear protection in case of prolonged skin contact
- Wash thoroughly with clean water in case of contact with skin, eyes, or mouth
- If irritation appears, seek medical attention



Wear Mask



Wear Safety Glasses



Wear Hand Protection



Wear Foot Protection

INSEE Bulk Cement Solutions

- **INSEE Petch Quick Cast**
Precast cement with improved surface finishing
- **INSEE Dum**
High early strength cement for large precast elements



- **INSEE Petch**
Portland cement for ready-mixed and precast
- **INSEE Petch Easy Flow**
High workability cement for large infrastructure and concrete structures

Green Heart Product For A Green World

Green Construction Standards and 3rd Party Certifications

With its reduced CO₂ footprint, INSEE Patch Quick Cast contributes to international and Thailand Green Building Rating Systems.



Green Heart Label

Green Heart Label was developed by an SCCC committee to identify our most environmentally friendly products and services, which must meet seven eco-criteria. The Green Heart Label is granted according to environmental standards ISO 14021: Environmental Labels and Declarations - Self Declared Environmental Claims. The 7 GH-criteria are as follow:



Reduced
Resource Use



Recovered
Energy



Reduced Energy
Consumption



Extended
Product Life



Recycled
Content



Waste
Reduction



Compostable



Contact us

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