



INSEE PETCH PLUS

Superior Workable Cement for
Small Precast and Site Mix



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INSEE Petch Plus is easier to mix and to pour, with faster working progress and higher productivity, offering significant savings to small CPM (blocks, pipes, poles etc.), site mix concreting at jobsite and mini RMX plants.

- Easy to mix, good workability and easy to work
- Faster setting with less defect
- Remove formwork faster. Increase productivity
- Stronger surface of finished slab. Sharp edges and corner

INSEE Petch Plus is the high compressive strength and good workability cement provide faster work with higher productivity. Suitable for small CPM (blocks, pipes, poles etc), sitemix concreting at jobsite and mini RMX plants. INSEE Petch Plus is hydraulic cement type GU which helps to reduce the carbon dioxide (CO₂) emission in the atmosphere.

Mixing Proportion:

Mix the volumetric proportion of INSEE Petch Plus, rock gravel, sand and water as follow;

Type of Concrete	Mixing Proportion (by volume)			
	 INSEE Petch Plus	 Sand	 Rock	 Water
Lean Concrete	1	3	5	1/2
Concrete	1	2	4	1/2

Remark:

- Sand, rock gravel or crushed stone and water should be clean
- Keep the cement under shade and cool-dry area
- Use up all the mixed proportion within 2 hours

Packaging : 50 kg bag

INSEE Petch Plus fully conforms to the quality standards ASTM (1157- 17) Type GU and TIS 2594-2556 Type GU.

Cement Properties	TIS 2594-2556 Hydraulic Cement type GU	ASTM C1157-17 type GU
Compressive strength (MPa)		
3 day	Min 13.0	13.0
7 day	Min 20.0	17.0
28 day	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 bae expansion 14 day (%)	Max 0.020	0.020

** Updated certification test reports are available upon request.

Recommendations:

- Keep the cement dry and under shade, away from the ground, to keep the cement quality
- Do not store cement for more than 2 months and once opened should be finished within 1-2 day
- Recommend to wear gloves and long sleeves, to avoid direct contact of cement with the skin



Contact us

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