

PRODUCT APPLICATION



Tiger Mixed Cement



Tiger Plastering Cement



Types of Usages

Bricklaying

Brick	●	
Concrete Block	●	
White Brick	●	

Wall Plastering

Brick	●	●
Concrete Block	●	●
White Brick	●	●

Note: ● = Highly Recommend

TIGER CEMENT for Multipurpose Work



Product Details and Applications

- This cement is classified as mixed cement.
- It is suitable for bricklaying and wall plastering (especially for bricks and concrete block).
- Laminated package helps protect the cement from moisture and shock, and thus resulting in longer shelf life.
- Containing 50 kg./bag.
- Do not use for concrete structure and Autoclaved Light-Weight Concrete (ALC) or similar product.

Special Features

- It is suitable for strong masonry wall construction, thanks to high bond strength with low shrinkage.
 - The freshly-mixed mortar mixture is easy to use and glide smoothly.
- *The final result depends on the ingredients of the mixture, the method, expertise and the skill of user.



How to use

Mix proportions (by volume)	TIGER cement	Coarse Sand	Fine Sand	Aggregate	Clean water
Bricklaying	1 cup	2 cups	X	X	1 cup
Plastering for the first layer	1 cup	X	2 cups	X	1 cup
Plastering for the second layer	1 cup	X	2 cups	X	1 cup
Floor Screed	1 cup	2 cups	X	2 cups	1 to 1.5 cups

Recommendation

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- *Note - Concrete work should specifically be under the supervision of Civil Engineer and abide by the rule of regulations.
- To adjust the level of the floor, it is recommended to pour concrete and have at least 5 cm of thickness.
 - For plastering, the user may mix additives instead of lime depending on the purpose and nature of the work.
 - When plastering 2 layers wall, the overall thickness of the 2 layers should not exceed 2.5 cm.
 - Minimum 3 days curing time to prevent crackage.
 - Mixture ingredient may change upon application and quality of sand.

Additional Accessories

- Plastic or wire mesh can be used for particular jobs (thick-layer plastering works, wall-beam or wall-column connection areas) to prevent cracking.

Certifications

- The product conforms with Thai Industrial Standard specification for mixed cement (TIS 80-2550)



ACCORDING TO THE THAI INDUSTRIAL STANDARD SPECIFICATION FOR MIXED CEMENT, TIS 80-2550				TYPICAL TEST RESULTS	
PHYSICAL REQUIREMENTS					
FINENESS, SPECIFIC SURFACE					
Air Permeability Test	cm ² /g.	Min	3,200		5,000
SOUNDNESS					
Autoclave Expansion	%	Max	0.80		0.04
TIME OF SETTING					
Vicat Test:		Min	45		
Initial Set	Minutes				100
Final Set	Minutes				165
AIR CONTENT OF MORTAR	% Volume	Max	12		10
COMPRESSIVE STRENGTH					
Mortar Cubes					
3 days	Mpa	Min	6.9		14.0
7 days	Mpa	Min	11.8		18.5

