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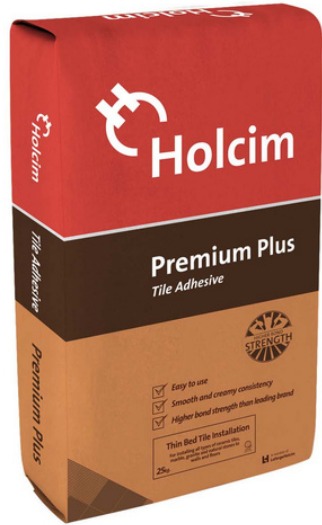
# Tile Adhesive

Polymer-Modified Mortar  
for Tile Installation by Thin Bed Method





# Premium Plus Tile Adhesive



Holcim Premium Plus Tile Adhesive is a polymer-modified mortar for installing all types of ceramic tiles, marble, granite and natural stones to walls and floors by thin bed method that has smooth and creamy consistency and easy to use. It has higher bond strength than other brands.

## SURFACE PREPARATION

Substrate should be structurally sound, clean, and free from dirt, loose particles, and other contaminants that may reduce or prevent proper adhesion.

## MIXING

1. Pour the following amounts of clean water into a clean non-water absorbent mixing container according to the packaging sizes:  
For the 5kg bag, add about 1.4-1.6L of clean water  
For the 25kg bag, add about 7-8L of clean water
2. Gradually add Holcim Premium Tile Adhesive while slowly mixing using an electric drill with a mixing paddle until the mixture becomes smooth and lump-free paste. Let the mix stand for 15 minutes and then mix again.
3. Use the mortar in the next 3-4 hours, but can vary based on jobsite conditions.

## APPLICATION

1. Wet the substrate lightly before applying the mortar especially on sunny and windy conditions.
2. Using a notched trowel, spread only a much mortar that can be tiled within the tile adhesive's open time (before the mortar skins over). Open time is 15 minutes, but may vary with jobsite conditions.
3. Place the tile firmly into the wet mortar. Push the tile back and forth to ensure proper contact with the mortar bed.
4. Remove excess mortar from the joint areas for grouting.

### Coverage

Depending on surface conditions:  
A 5kg bag covers 1-1.4m<sup>2</sup>  
A 20kg bag covers about 5-7m<sup>2</sup>

### Time before grouting

Grouting should be carried out at least 24 hours after tiling is completed

### Storage

Store dry. Holcim Premium Plus Tile Adhesive has a shelf life of one year from the date of manufacture.

### Packaging

Available in 5kg Plastic  
Available in 20kg self-sealing woven polypropylene bag

### Toxicity

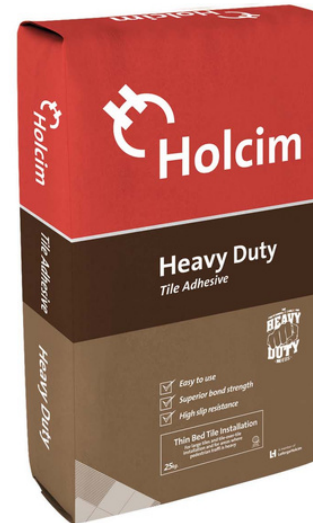
Non-toxic. However, as with any cementitious materials, do not take internally and avoid prolonged skin contact. It is recommended to use protective gloves, dust masks and goggles during handling.

### Technical Data

Type	Powder
Color	Gray
Open Time	15 minutes
Correction Time	15 minutes
Pot Life	3-4 hours
Water Demand	1.4-1.6L Water/5kg Powder 7-8L Water/20kg Powder
Workability	Excellent



# Tile Adhesive Heavy Duty



Holcim Tile Adhesive Heavy Duty is a polymer-modified premium grade mortar formulated for more demanding tiling and tile repair projects. It is ideal for the installation of large tiles, tile-over-tile installation and for areas where pedestrian traffic is heavy.

## SURFACE PREPARATION

1. Remove all dirt, loose particles, and other contaminants that may reduce or prevent proper adhesion.
2. Wet the substrate lightly before applying the mortar especially on sunny and windy conditions.
3. Substrate should be free of excess water prior to application.

## MIXING

1. Pour the required amount of water into a clean non-water absorbent mixing container.
2. Gradually add Holcim Heavy Duty Tile Adhesive while slowly mixing using an electric drill with a mixing paddle until the mixture becomes smooth, homogenous and lump-free paste.
3. Let the mix stand for 15 minutes, and then mix again.
4. Use the mortar in the next 3-4 hours, but can vary based on jobsite conditions.

## PLACING

5. Using a notched trowel, spread sufficient amount of mortar into the substrate that can be tiled within the tile adhesive's open time (before the mortar skins over).
6. Place tile immediately into the wet mortar. Push the tile back and forth to ensure proper contact with the mortar bed.
7. When necessary, adjust tiles within 20 minutes after laying of tiles.

Beyond the correction time, remove the adhesive and apply a fresh coat to the substrate

8. Remove excess mortar from the joint areas for grouting.

### Coverage

Depending on surface conditions, one (1) bag covers about 5-7 sq.m.

### Time before grouting

Grouting should be carried out at least 24 hours after tiling is completed

### Packaging

Available in 25kg Self-sealing woven polypropylene bag

### Storage

Store dry. Holcim Premium Plus Tile Adhesive has a shelf life of one (1) year from the date of manufacture.

### Safety Precautions

Non-toxic. However, as with any cementitious materials, do not take internally and avoid prolonged skin contact.

It is recommended to use protective gloves, dust masks and goggles during handling. In case of eye contact, wash copiously with water and if irritation persists, seek medical treatment.

### Technical Data

Type	Powder
Color	Gray
Open Time	20 minutes
Pot Life	3-4 hours
Water Demand	5.0-6.0L/25 kg.
Workability	Good
Tensile Adhesion, 28D	1.60 N/mm <sup>2</sup>
Classification	C2