



## Chennai Paints - Grey+ Premium Interior and Exterior Wall And Floor Tile Adhesive

Chennai paints - Grey+ Premium Tile adhesive is a high polymer modified cement-based adhesive which is smooth & creamy, sanded bagged cementations powder with a high performance for installing ceramic tiles, vitrify tiles (semi vitrified tiles) glass mosaic tiles, precast terrazzo and natural stones. it can also be used in areas like swimming pool, water bodies, and washrooms. it has good underwater bonding properties. it can also be used for tile-on-tile applications.



Pack Size 20Kg

### Advantages

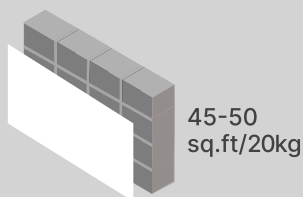
- Dual use-for both floors & walls
- Excellent non-sag formula
- Smooth, easy to use
- Increased flexibility
- High bonding strength
- Polymer fortified
- Non-Cracking
- Proven Performance
- Non Toxic / corrosive
- Type-3 Tile adhesive



Water Base

### Coverage

This will depend on the nature and flatness of the surface and the method of application. Approximately 45-50 sq.ft per 20 kg with ¼" x ¼" (6mm x 6mm) square notch trowel for a thin bed of 3mm thickness.



\*Actual coverage may vary from the quoted coverage depending on trowel notch size, type and size of tiles and substrate smoothness, evenness roughness and porosity and factors such as method and condition of application.

### Bag Colour - Shelf Life- Material Colour

- Blue - BOPP laminated woven sacks with a shelf life of 6 months from the date of manufacturing.
- Store in a cool and dry place. High humidity will reduce the shelf life of Woven sacks product
- Material Colour - White/ Grey

## Working Properties of Chennai Paints - Grey+ premium adhesive when mixed with water at 70°F (21°C)

- Open Time 20 Minutes
- Pot Life 2-3 hours
- Adjustment Time 25 Minutes
- Traffic Movement 15-25 hours

Specifications are subject to change without notification. Results shown are typical but reflect test procedures used. Actual performance depends on installation methods and site conditions.

## Surface Preparation



- Clean and roughen the surface to be tiled and it should be sound, clean and free from dust, Grease, Oil, Paint Etc.
- Dry dusty concrete slabs or masonry should be dampened, and excess water swept off.
- Installation may be made on a damp surface



## Application

- Can be used for interior and exterior floor and wall applications over masonry, concrete, mortar beds and cement plaster in residential & commercial buildings.
- All surfaces should be between 40°F (4°C) and 104°F (40°C). Apply tile adhesive to the substrate with a spatula and comb with a notched spatula to ensure full bedding, Adhesive should at least cover 90% of the surface of each wall tile/stone etc.
- For new concrete slab should be cured for 28 days before application. Expansion joints should be provided in the substrate and do not cover the joints with mortar.
- Add one part of portable water to 2.5 parts of Tile Adhesive White + by volume into a mixing bowl and mix to form a thick lump free and trowel able consistency, Add little more water if required only to obtain workable mix. (Mixing can be done by hand or slow speed mixer) Leave the adhesive to stand for 5-10 minutes before using.
- Place the wall tiles/stones into the moist ribbed bed and press firmly, Adjustments if any can be made within 10 minutes.
- Use the proper sized notched trowel to ensure full bedding of the tile.
- Back butter when large format tiles (> 12" x 12") to provide full bedding and firm support. Remove the residual material before drying. (Addition of Chennai Paints Grout Admix+ partially or completely replacing water would enhance the bond and flexibility of adhesive.) Use spacers to provide grout joints between tiles/ stones. When the adhesive is set remove the spacers.
- During installation of tile/stone on the external floors, to create spaces between the tile/stone to fill up with grouts providing of spacers is recommended. (If the spacers are not used the surface movements can push tile/stone away from the substrate causing de-bonding of tile/stone) While applying exterior tile/stone, providing spacers on the periphery of the area without allowing the tile/stone to be bound by the peripheral masonry work/plaster



## Direction for Use

All surfaces should be between 40°F (4°C) and 104°F (40°C).

### STEP 1

Apply tile adhesive to the substrate with a spatula and comb with a notched spatula to ensure full bedding



### STEP 2

Adhesive should at least cover 90% of the surface of each wall tile/ stone etc.



For new concrete slab should be cured for 28 days before application

### STEP 3

Add one part of portable water to 2.5 parts of Tile Adhesive White + by volume into a mixing bowl and mix to form a thick lump free and trowel able consistency



Add little more water if required only to obtain workable mix. (Mixing can be done by hand or slow speed mixer) Leave the adhesive to stand for 5-10 minutes before using.

### STEP 4

Place the wall tiles/stones into the moist ribbed bed and press firmly, Adjustments if any can be made within 10 minutes



Use the proper sized notched trowel to ensure full bedding of the tile.

### STEP 5

Back butter when large format tiles (> 12" x 12") to provide full bedding and firm support. Remove the residual material before drying.



(Addition of Chennai Paints Grout Admix+ partially or completely replacing water would enhance the bond and flexibility of adhesive.) Use spacers to provide grout joints between tiles/ stones. When the adhesive is set remove the spacers.

## Note

- For wet on wet application and tiles and stones installations on plywood and wood substrates, kindly get in touch with us for proper guidance's and application method
- For all stones / glass tiles with a back-protection mesh, it is always recommended to remove the mesh clean it thoroughly and for stone tiles remove the epoxy layer ( after removing the mesh ) by grinding the stones lightly to ensure a perfect bond with the tile adhesive
- If the adhesive is skinned over (not sticking anymore / or lack of gumming) remove it and replace with fresh adhesive. Do not reuse or mix it with fresh adhesive. Discard it totally.
- For glass mosaic tiles application, use a "V "(3mm can also be used) notch trowel approximately 4mm is essential to achieve a bed thickness of 1.5 to 2mm.
- For ceiling installations of tiles and stones- it is very essential to undertake the pull-off strength of the cement- based substrates before installation as the cement based substrates are weak in cohesive strength. This is a very essential check for all overhead installations.



## Information on Uses & Safety

- All Chennai Paints products contain no added Lead, Mercury, Arsenic or Chromium
- Store the bag with the mouth tightly closed in an upright position, in a cool, dry and well ventilated location away from source of ignition and fire.
- Keep out of reach of children and away from food, drink. May be harmful if swallowed. In case of ingestion seek immediate medical attention
- Avoid contact with skin for prolonged period. In case of any contact with eyes, wash immediately with plenty of water and seek medical attention.
- Use protective equipments like rubber or polythene gloves, safety goggles or glasses, face mask while handling the product
- Do not pour leftover Adhesive slurry down the drain or in water courses. In the event of spills, contain spillage using sand
- Left-Over Disposal: Left-over paint/drums/ woven sacks should not be disposed in soil/drains. Consumers should consult a local recycling agency for proper disposal of paint/drums/ sacks etc
- Limitations this product is not a replacement for waterproof membranes. Please use specified products for waterproofing.

Note- Specifications subject to change without notification. The technical data provided is as per our internal lab testing and may vary as per the actual installation method of application done at site

Disclaimer – Information provided on this data sheet is only a guideline for usage. It is advised to undertake a trial of the product before full scale usage. Any information and / or specification contained / shared herein is to the best of our knowledge true and accurate, no guaranty / warranty is given or implied in connection with any recommendation or suggestions made by us the company ( Chennai Paints ), our Representatives, Agents or Distributors, as the conditions of use of any labour involved, site conditions are beyond our control.