

# PELEKAT

## DESCRIPTION:

• PELEKAT is a thin and thick bed cement based ceramic tile adhesive for indoor application to set most types of porous tiles to rigid masonry substrates (floor/walls) including concrete, cement render, rendered bricks and blockwork .

## USES:

• Suitable for adhering most types of porous tiles over floors and walls porous surfaces such as concrete, cement render, rendered brick and blockwork .

## FEATURES AND BENEFITS:

- Extended open time
- Excellent adhesion to rigid surfaces
- Low odour
- Easy to spread
- Suitable for internal use.
- Suitable for ceramic tiles with a medium-high absorption rate.

## SURFACE PREPARATION:

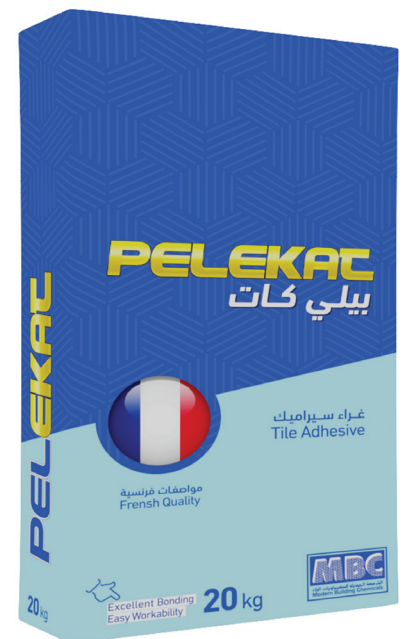
• Substrate must be free from grease, mould oil, rust, rusty metal, wood peels, paints, plastics, loose particles, contamination on any traces of foreign materials affecting the adhesion of PELEKAT.

## MIXING INSTRUCTIONS:

- PELEKAT will required approximately 4-4.5 litres of water per 20 kg of adhesive powder.
- Add measured amount of water to a clean mixing vessel and slowly add the adhesive powder whilst stirring. Continue to add powder until a thick, creamy, lump-free paste has been achieved.
- Allow the freshly prepared mix to stand for 5 minutes to ensure thorough wetting has occurred then briefly re-stir prior to use.
- Ensure the back of the tiles to be adhered are free from dust or any materials which may inhibit adhesion.
- The adhesive shall be applied with the flat side of the trowel using a scraping motion.
- Additional mortar is then applied with the notched edge of the trowel
- Ensure that tile is completely bedded in the adhesive
- Excess adhesive shall be cleaned from the rear surface of the tile with a damp sponge
- Tiling process can be achieved within 15 minutes under normal temperature and humidity condition.
- Unfavorable weather conditions such as strong sunshine, low humidity, high wind speed, or highly water-absorbed substrates reduce the open time of tile adhesive.
- When the surface of tile adhesive is dried, do not use water to wet the surface. It will form a very weak and non-adhesive layer.
- Natural air curing for PELEKAT is enough.

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### Coverage

- about 3-5 kg of PELEKAT per m<sup>2</sup> but it depends upon the applicator and thickness of the mortar bed required

Technical Data	
Appearance	White /Gray powder
Mix Density @ 25 °c	1.6 - 1.7gm/cm <sup>3</sup>
Aggregate size	0.6 mm max
Water demand	20 - 22.5% or 4.0 – 4.5liters / 20kg bag
Pot life	2 hour
Slip resistance	< 0.2 mm

### CLEAN UP INSTRUCTIONS:

- Clean up tools and equipment with water

### PRECAUTIONS:

- Works should be carried out in dry conditions, with the air and ground temperature from +5 °C to +25 °C.
- PELEKAT contains cement and after mixing with water produces an alkaline solution. Therefore protect eyes and skin.
- Avoid application to surfaces freshly treated with silicone-type water repellents

### PACKAGING:

20Kg bags

### SHELF LIFE / STORAGE:

- 12 months since the production date when stored on pallets in dry cold conditions and in original undamaged packages.

### ENVIRONMENTAL & SAFETY PRECAUTIONS:

- PELEKAT is nonhazardous and nontoxic.
- Care should be taken when handling, that applicators wear PVC or similar gloves and safety goggles.
- For a full MSDS on this product, contact to MBC.