

Cement Tile Adhesive

Heavy-Duty Single Component Tiling Adhesive Mortar

Product Description

Pioneer Pro Cement Tile Adhesive is a single component, pre-packed tiling adhesive mortar, combining cement with selected grades of sands and several admixtures.

Key Features

- Paintable
- Factory mix- yields consistent product quality
- Good workability
- Long pot life
- Works on horizontal and vertical applications using small to medium size tiles
- Conforms to Philippine National Standards (PNS ISO 13007-1:2005) Type C1



Product Specifications / Typical Properties / Physical Characteristics

Table 1.

Physical Properties*

Parameters	Results
1. Physical Form	Powder
2. Appearance	Grey

Table 2. Application Properties*

Parameters	Results
1. Water demand	25 Kg Tile Adhesive powder: 6.5 L Water
2. Color	Grey mixture
3. Mix Consistency	Soft Mortar
4. pH	Approximately 12-13
5. Vertical Slip Resistance	< 0.5 mm
6. Open Time @ 25°C	> 20 minutes
7. Application Temperature Range	10-40°C

*Typical data only. Information on this data should not be used for writing specifications.

Applications

- For floor and wall tile installations on concrete surfaces

Application Procedure

Surface Preparation: Substrate surface must be clean, sound, level and

uncontaminated by oil or grease. Remove cement laitance, formwork traces and loosely adhering particles by sand blasting or high pressure water jetting. Absorbent substrates must be pre-wetted to saturate surface dry (SSD) conditions.

Mixing: Use only non-absorbent materials as plastic pail or galvanized iron as mixing containers.

1. Use 25 Kg of Pioneer Pro Cement Tile Adhesive to 6.5 L of water.
2. Pour water and add Pioneer Pro Cement Tile Adhesive powder.
3. Mix well with a hand trowel until a smooth, soft mortar consistency is achieved. For large volume mixing, a slow speed drill mixer is recommended.

Application

1. Dampen surface before application.
2. Apply Pioneer Pro Cement Tile Adhesive with a "V" notched trowel for small tiles while a square notched trowel for bigger tiles.
3. Install tiles within the recommended open time. Adjust and align tiles as necessary. A rubber mallet may be used to apply pressure.

Coverage: Approximately 5-6 m² for a 25 kg using 3-4 mm thickness. Actual coverage may vary depending on tile size and condition as well as application thickness.

Application Equipment

- Slow speed drill for mixing

Packaging

Packaging	SKUs available
Plastic Bag	25 Kg

Certification and Compliance

Type	Results	Limits
Volatile Organic Content (VOC), g/L	3.62	VOC limits • Ceramic Tile Adhesives- 65 g/L

Storage

Store in a cool, dry place, preferably 30°C maximum.

Shelf Life

12 months in an unopened bag from date of manufacturing following the required storage condition.

Health and Safety Precautions

In case of eye contact: Flush eyes with plenty of water then seek medical attention.

In case of skin contact: Wash skin with soap and water. If clothing is soaked, remove and wash before use.

KEEP OUT OF REACH OF CHILDREN

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