

FIXPLAST



KB BuildChem Fix Plast is a polymer-modified, fibre-reinforced, premixed cement-based plaster suitable for both interior and exterior walls. It offers superior convenience and ease of application while providing excellent strength and adhesion to the substrate. The plaster creates a smooth, even surface, allowing tiling and finishing work to be carried out faster and more efficiently

KB BuildChem BLOCK BOND complies with the following standards :

IS : 4031 – Part 6 | **EN :** 1015 – 12

PRIMARY USE

KB BuildChem Fix Plast is suitable for a wide range of wall surfaces including brickwork, stone walls, AAC blocks or concrete blocks, and concrete surfaces. Its excellent adhesion and polymer-modified formulation ensure a strong bond on these substrates, providing a smooth and even base for tiling or finishing work.

MERITS

- **High Strength** : Provides durable and long-lasting plaster with excellent structural performance.
- **Crack-Free Finish** : Fiber reinforcement and polymer modification minimize cracking for a smooth wall surface.
- **Faster Application** : Ready-to-use premixed formulation ensures quick and easy application.
- **Excellent Coverage** : Spreads evenly, reducing material wastage and ensuring uniform plaster thickness.
- **Economical** : Saves both time and material costs due to efficient coverage and premixed convenience.
- **Premixed** : No need for on-site blending; simply add water to apply.

DIRECTION OF USE



Surface Preparation :

- The substrate must be **rigid, sound** and **free** from oil, grease, paint, loose plaster, or any other contaminants.
- **Moisten the wall** with water before applying the plaster to ensure better adhesion and workability.



Mixing Instruction :

- Ensure proper Personal Protective Equipment (PPE) is used before mixing.
 - Pour 4.8 – 6.4 L of clean water into a clean mixing container.
 - Gradually add 1 bag (40 kg) of KB BuildChem® Master Plast into the water.
 - The mixture can be hand-mixed, but for best results, use a mechanical mixer or electric stirrer.
 - Mix for approximately 5–10 minutes, depending on the speed and type of mixing equipment.
 - Allow the mix to settle for 5–10 minutes, then remix before use to ensure a uniform, lump-free consistency.



Application Method :

- Apply the mixture **within 1 hour** of preparation for optimal performance.
- For **smooth and dense concrete surfaces**, it is recommended to **roughen the surface** to enhance adhesion.
- Use appropriate tools (trowel or plastering tools) to spread the plaster evenly over the substrate.
- Ensure uniform thickness and avoid overworking the plaster to maintain a smooth, crack-free finish



Curing :

- In **normal weather conditions**, start curing **24 hours** after application.
- Once the plaster is completely dry, **cure the surface 2–3 times daily for 2–3 days** to ensure proper hydration and strength development.
- In **elevated temperature conditions**, extend the curing period to **5–7 days** for optimal performance and durability
- Proper maintenance of the installed area ensures optimal durability and performance.

STORAGE

- Offers a long 6-month shelf life when kept in a cool, dry place in original sealed bags.

Available Packaging

40 kg Bag

TECHNICAL DATA

General Properties

Testing Properties	Test Result
Appearance	Grey coloured powder (granular)
Aggregate	Well graded river-sand
Basic Binder	Ordinary Portland Cement
Additives	Quality water-soluble additives for better bonding and strength
Bulk Density	1.7 – 1.9 kg/L
Pot Life	60 – 120 minutes
Water Ratio	12 – 16% (by weight)
Application Temperature	5 – 40 °C
Compressive Strength (28 days, IS 4031 Part-6)	> 15 N/mm ²
Coverage (40 kg bag)	10 mm thickness : 24 sq. ft. 20 mm thickness : 12 sq. ft.
Adhesion to Substrate (EN 1015-12)	≥ 0.8 N/mm ²
Reaction to Fire	A1

SAFETY PRECAUTION

- Follow the recommended water-to-plaster ratio; adding excess water may reduce final strength and cause shrinkage cracks.
- Avoid inhalation of dust and prevent contact with skin and eyes. Use appropriate personal protective equipment (PPE) during handling.
- Do not mix with other materials such as cement or lime unless explicitly specified by the manufacturer.
- Keep out of reach of children and animals.
- Store in a cool, dry place in tightly sealed containers to maintain product quality.

Disclaimer : Technical information is based on knowledge and experience of accurate results. These results refer to the long-term application of the product in practice. Recommendations and suggestions are listed for guidance only. Since site conditions during the applications are beyond the manufacturer's control, hence it is also the responsibility of the end-user to ensure that the content in their possession is the latest case.



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