

Cement Based Plasters and Bonding Mortars / Cement Based Plasters

FIXA

Ready-Mixed Hand Plaster (Fine)

DESCRIPTION

Cement based, single component, ready-mixed **fine** plaster with chemical additives, applied manually or by machine.

APPLICATION AREAS

- Indoor and outdoor,
- Wall and ceiling,
- To obtain a flat surface prior to paint and decorative coverings on surfaces such as coarse plaster, concrete and exposed concrete.

TECHNICAL PROPERTIES

Appearance	Gray colored fine powder
Powder Density	~ 1.40 kg/L
Water Mixing Ratio	8.8 – 10.4 L water / 40 kg powder
Resting Period	5 – 10 minutes
Pot Life	2 – 3 hours
Application Temperature	Between +5°C and +35°C
Compressive Strength	CS IV; $\geq 6 \text{ N/mm}^2$ (EN 1015-11)
Adhesion Strength	$\geq 1 \text{ N/mm}^2$ (EN 1015-12)
Capillary Water Absorption	W1; $C \leq 0.40 \text{ kg/(m}^2 \cdot \text{min}^{0.5})$ (EN 1015-18)
Water Vapor Perm. Coef. (μ)	≤ 25 (EN 1015-19)
Application Thickness	2 – 6 mm
Time to Use	24 hours
Service Temperature	Between -20°C and +70°C

ADVANTAGES

- Provides a smooth surface.
- Saves time and labor.
- Adheres strongly to the surface, does not fall off or sag.
- Easily and quickly applied both manually and by machine.
- Has higher quality consistency than plain plasters as a plant-manufactured mortar.
- More resistant to outdoor conditions compared to plain plasters.

CONSUMPTION

1.4 – 1.7 kg/m² (for 1 mm thickness)

PACKAGING

40 kg kraft bags

APPLICATION

PREPARATION OF THE SURFACE

- The surface must be cured and sound.
- The surface must be clear of materials that prevent bonding, such as dust, oil, tar, paint, silicone, curing materials, detergents and mold oils.
- Repair the cracks and holes on the surface with **REPAIRFIX 5** or **REPAIRFIX 30 Repair Mortars** depending to the depth of the crack.
- Prime the surface with **BETOPRIMER Exposed Concrete Plaster Primer** before exposed concrete applications.
- Moisten the surface.

PREPARATION OF THE MORTAR

- Add 40 kg of **FIXA Ready-Mixed Hand Plaster (Fine)** in approximately 8.8 – 10.4 L clean water and mix with a low speed mixer until there are no lumps.
- Leave the mortar to mature for 5 – 10 minutes, mix again 1 – 2 minutes before use.
- Use the mortar within 2 – 3 hours.

APPLICATION

- Apply the material with a spraying machine or a trowel and spread over the surface in equal thickness.
- Level the surface with a float.
- The thickness of the plaster should not exceed 6 mm.
- Flatten the plaster immediately with a trowel before it hardens.
- If the temperature is high, moisten the surface until the plaster is set.
- Wait at least 10 days before painting depending on the weather conditions.
- In outdoor applications, mix it with **AQUALATEX** for stronger bonding.
- In different material transitions, use plaster mesh on the surfaces and plaster profiles in the corners.

CAUTION

- Avoid application in temperatures below +5°C and above +35°C.
- Do not add lime, cement, sand and gypsum to the material.
- Pay attention to the amount of water added to the mortar. Do not add more water than necessary.
- Avoid application in areas that are frozen, at risk of freezing within 24 hours, or in areas open to direct sun and wind. If snowfall or severe cold is expected within about 1 week after the application, cancel the application or take the protection measures.
- Do not add water or powder to the expired mortar.

SHELF LIFE

Expires in 12 months. Store unopened packages in dry environments, stacked maximum 7 packages on a pallet.

HEALTH AND SAFETY

As with all chemical products, avoid contact with food products, skin, eyes and mouth during use and storage. During the application, use work clothes, protective gloves and glasses in accordance with the occupational and worker health rules. Consult a doctor if accidentally swallowed. In case of contact with skin, rinse with water. Store out of the reach of children.

The application instructions and technical values given for the products have been obtained in accordance with our tests and experiences in accordance with international standards at 23±2°C temperature and 50±5% relative humidity conditions. These values may vary depending on ambient conditions. High temperatures shorten the times, low temperatures lengthen them. Before starting the application, the user should test whether the product is suitable for the application and purpose. **FIXA Construction Chemicals Ltd.** is not responsible. This Technical Data Sheet remains valid until the next revision is published. **FIXA** reserves the right to change the values specified in this Technical Data Sheet, provided that the new version is published. It is the user's responsibility to check that the document is up-to-date. Please contact our sales department for more information.