

**Cement Based Plasters and Bonding Mortars / Cement Based Plasters****FIXA**<sup>®</sup>**Ready-Mixed Machine Applied Fiber Supported Plaster (Coarse)****DESCRIPTION**

Cement based, single component, ready-to-use **coarse** plaster with chemical and fiber additives, applied **with machine** or manually.

**APPLICATION AREAS**

- Indoor and outdoor
- Wall and ceiling
- Surfaces such as brick, gas concrete, concrete, exposed concrete, pumice and briquette.

**TECHNICAL PROPERTIES**

<b>Appearance</b>	Grey colored powder
<b>Powder Density</b>	~ 1.40 kg/L
<b>Water Mixing Ratio</b>	7.2 - 8 L water / 40 kg powder
<b>Resting Period</b>	5 - 10 minutes
<b>Pot Life</b>	2 - 3 hours
<b>Application Temperature</b>	Between +5°C and +35°C
<b>Compressive Strength</b>	CS III; $\geq 3.5 - 7.5 \text{ N/mm}^2$ (EN 1015-11)
<b>Adhesion Strength</b>	$\geq 0.2 \text{ N/mm}^2$ (EN 1015-12)
<b>Capillary Water Absorption</b>	W1; $C \leq 0.40 \text{ kg/(m}^2 \cdot \text{min}^{0.5})$ (EN 1015-18)
<b>Water Vapor Perm.Coeff. (<math>\mu</math>)</b>	$\leq 25$ (EN 1015-19)
<b>Application Thickness</b>	1 - 3 cm
<b>Time to Use</b>	24 hours
<b>Service Temperature</b>	-20°C / +70°C

**ADVANTAGES**

- Adheres strongly to the surface, does not fall or sag
- Can be applied both with machine and manually, practical
- Saves time and labor as it is applied fast with machine.
- Reduces wear of augers when applied with machine, does not cause blockage.
- Does not crack due to its fiber content.
- Enables a homogenous finish as it is easy to spread over the surface and fills the gaps on the surface.
- Has higher quality consistency than plain plasters as a manufactured mortar.
- More resistant to outdoor conditions compared to plain plasters.
- Recommended for imperfect surfaces on which plaster application is required.

**CONSUMPTION**

13 - 15 kg/m<sup>2</sup> (for 1 cm 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
- Form slabs in large areas by using levelling laths.

### PREPARATION OF THE MORTAR

- Add 40 kg of **FIXA Ready-Mixed Machine Applied Fiber Supported Plaster (Coarse)** in approximately 7.2 – 8.0 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 usage.
- Use the mortar within 2 - 3 hours.

### APPLICATION

- Apply the material with a spraying machine or trowel and spread over the surface in equal thickness.
- Level the surface with a float.
- The thickness of the plaster should not exceed 1.5 cm in one coat and 3 cm in total.
- Flatten the plaster immediately with a trowel before it hardens.
- If the ambient temperature is above +20°C, irrigate 12 - 15 hours after the application and irrigate at least three more times every 12 hours.
- If the ambient temperature is below +20°C, irrigate 24 hours after the application and irrigate at least three more times every 12 hours.
- Keep the surface damp for 1 week.
- Apply **FIXA Ready-Mixed Hand Plaster (Fine)** for a smoother surface.
- In outdoor applications, mix it with **AQUALATEX** or **AQUACEMENT 2K 207 Component B** 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.
- Do not add water or powder to the expired mortar.
- Wait at least for 10 days, depending on the ambient temperature, for applications to be carried out on top of **FIXA Ready-Mixed Machine Applied Fiber Supported Plaster (Coarse)**.

### SHELF LIFE

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



## Technical Data Sheet (TDS)

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### 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. Do not leave the cover open. 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  $23\pm 2^{\circ}\text{C}$  temperature and  $50\pm 5\%$  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 Yapı Chemicals San. Trade Ltd. Sti. 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.