

ExperPlaster CP 10

COLOR OPTIONS: Grey, White**25**

±%2 KG



Plastering and Masonry Mortars

998-1 103425

GÜVEN MADENCİLİK İNŞAAT SAN. ve TİC. A.Ş.

CEMENT BASED, COARSE PLASTER

Cement based, single component, coarse plastering material that can be applied to interior and exterior facades by hand or machine.

**EXCELLENT
BONDING****NO SAGGING****NO CRACKING**

TECHNICAL SPECIFICATIONS

| | |
|---|--|
| Chemical Structure | Cement based powder |
| Water Mixture Ratio | 4,50-5,00 lt water / 25 kg powder |
| Pot Life | 2-3 hours |
| Compressive Strength | CS IV ≥ 6 N/mm ² (EN 1015-11) |
| Bond Strength | $\geq 0,2$ N/mm ² (EN 1015-12) |
| Mass per Unit Volume of Hardened Mortar | 1.500 kg/m ³ (± 200) |
| Capillary Water Absorption and Water Permeability | W1; C $\leq 0,40$ kg/(m ² .min0,5) (EN 1015-18) |
| Water Vapor Permeability (μ) | ≤ 25 (EN 1015-19) |
| Average Thermal Conductivity, W/m.K ($\lambda_{10, dry}$) | $\leq 0,80$ |
| Reaction to Fire | A1 |
| Time to Taking into Service | 24 saat |
| Consumption | 14,00-16,00 kg/m ² (for 1 cm thickness) |

* All technical values are calculated at +23°C and 50% relative humidity. Changes in temperature and humidity change the technical values.

ADVANTAGES

- Easy and fast to apply.
- Suitable for hand and machine applications.
- Saves labor and time.
- High bonding to the applied surface. Does not sag and spill.
- Since it spreads easily, a homogenous finish is obtained on the applied surface.
- Resistant to external climatic conditions.

APPLICATION AREAS

Used as coarse plastering material:

- Indoors and outdoors,
- On walls and ceilings,
- On surfaces such as concrete, exposed concrete, pumice block, gas concrete, brick and briquette.

SURFACE AND APPLICATION CONDITIONS

- The ambient temperature should be between +5°C and +30°C.
- Avoid application in humid, rainy, windy and high temperature weather conditions.
- Do not apply on surfaces that are frozen, melting or in risk of rain or frost within 24 hours.

ExperPlaster CP 10

COLOR OPTIONS: Grey, White

25

±%2 KG



**Plastering and
Masonry Mortars**

**998-1
103425**

GÜVEN MADENCİLİK İNŞAAT SAN. ve TİC. A.Ş.

SURFACE PREPARATION

- The application surface must be cured, clean, moist, smooth and solid. Dust, dirt, paint, oil and free particles must be removed from the surface.
- If there are any damages on the surface that may affect the application, should be repaired with ExperRepair mortar.
- The surface should be moisturised before application, ExperPrime AP 33 or ExperPrime CP 50 primer should be applied on highly absorbent surfaces such as exposed concrete.
- In large area applications, plaster strips should be formed by using levelling laths and plaster profiles should be used at the corners.

PREPARATION OF MIXTURE

- ExperPlaster CP 10 coarse plaster should be added slowly into 4,50-5,00 litres of clean water and mixed with a mixer at low speed until a homogenous and lump-free mixture is obtained.
- The prepared mixture is allowed to rest for 5-10 minutes depending on the weather conditions, then mixed again for 1-2 minutes and made ready for use.

APPLICATION DETAILS

- The mixed material is applied to the surface with a trowel if it is to be applied by hand or with a spraying machine if it is to be applied by machine.
- After application, the surface should be levelled with a gage lath.
- Application thickness should be minimum 10 mm and maximum 25 mm in a single coat. For applications over 25 mm, 2 coats (maximum 25 mm) should be applied and the waiting time between coats should be 24 hours.
- The plaster should be leveled with a trowel immediately just after it starts to harden.
- Plaster mesh should be used to prevent cracking at the joints of different structural elements.
- Within 7 days following the application, the surface should be moisturised at certain intervals depending on the ambient conditions.

WARNINGS

- Avoid application in humid, rainy, windy and high temperature weather conditions.
- Do not apply on surfaces that are frozen, melting or in danger of rain or frost within 24 hours.
- Do not apply directly on surfaces such as wood, metal.
- Foreign substances such as cement, sand, gypsum, lime etc. should not be added into the material.
- Wait at least 10 days for the applications on ExperPlaster CP 10 depending on the ambient temperature.

CONSUMPTION

- 14,00-16,00 kg/m² (for 1 cm thickness)

EQUIPMENT CLEANING

- Equipment should be cleaned with clean water immediately after use. Cured material can only be cleaned by mechanical means.

STORAGE AND SHELF LIFE

- Should be stored in its unopened original packaging, in a closed, moisture-free, dry environment, protected from frost. Products should not be overloaded in a way to damage their packaging.
- Shelf life under appropriate storage conditions is 12 months from the date of production.

SAFETY PRECAUTIONS

- During use and storage, work clothes, protective gloves and masks should be used in accordance with the rules of Occupational and Labor Health. Eye, mouth and skin contact should be avoided and the contact area should be washed with plenty of water.
- In more dangerous situations or in case of ingestion of the product, a specialist doctor should be consulted immediately. Food and beverages should not be brought into the application areas. Keep out of the reach of children. For detailed information, the Safety Data Sheet (SDS) should be consulted.

ExperPlaster CP 10

COLOR OPTIONS: Grey, White

25

±%2 KG



**Plastering and
Masonry Mortars**

**998-1
103425**

GÜVEN MADENCİLİK İNŞAAT SAN. ve TİC. A.Ş.

PRODUCT LIABILITY

• Güven Madencilik İnş. San. ve Tic. A.Ş., is only responsible for the quality of EXPERAS branded products. All data presented are the result of practical and scientific studies. The manufacturer cannot be held responsible except for the use of the correct products in appropriate areas and conditions.

LEGAL NOTES

• The information and recommendations for the use of EXPERAS branded products are provided in good faith based on technical knowledge and experience, provided that they are maintained and handled under normal conditions and in accordance with the recommendations. Along with the products, the areas of use and surfaces may vary widely. It is necessary to ensure that the correct EXPERAS branded products are applied on appropriate surfaces and under appropriate conditions. In addition, all information and instructions regarding commercial factors and technical conformity must be strictly followed. The manufacturer cannot be held responsible for any damages and problems that may occur if not complied with. The applicator/user is obliged to make the relevant checks to ensure these details. The specifications of EXPERAS branded products may be changed when necessary. The property rights of third parties must be respected. When the order is confirmed, all existing technical conditions are essential for sales and transportation.

REFERENCE STANDARDS

• TS EN 998-1

