

# ExperWall DY 25

COLOR OPTIONS: Grey

**25**  
±%2 KG

## Plastering and Masonry Mortars

# 998-2 104825

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

### CEMENT BASED WALL MASONRY MORTAR

Cement based masonry mortar used for fixing masonry elements such as brick, pumice, and stone.

**EASY TO  
APPLY****RESISTANT  
TO CLIMATE  
CONDITIONS****PROVIDES  
HIGH BONDING**

### TECHNICAL SPECIFICATIONS

Chemical Structure	White cement-based, polymer-added powder
Powder Density	1,50 g/cm <sup>3</sup> (± 0,1)
Mixing Ratio	4.25-4.75 lt water / 25 kg powder
Pot Life	1-2 hours
Compressive Strength	M5; ≥5 N/mm <sup>2</sup> (EN 1015-11)
Bond Strength	≥0,4 N/mm <sup>2</sup>
Capillary Water Absorption	0,40 kg/m <sup>2</sup>
Water Vapor Permeability	≤25 (EN 1015-19)
Chloride Content	≤%0,10
Hollow Unit Volume Weight of Hardened Mortar	1.700 (±200) (EN 1015-10)
Thermal Conductivity	≤0,47 W/mK (EN 1745)
Consumption	13-21 kg/m <sup>2</sup> depending on the size of masonry elements.

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

### ADVANTAGES

- Easy to apply. Saves time and labor.
- Provides long working time.
- Offers strong adhesion between the masonry elements.
- Resistant to thermal shocks, water and frost.

### APPLICATION AREAS

- It is used for fixing brick, iso brick, pumice and stone masonry elements indoors and outdoors.

### SURFACE AND APPLICATION CONDITIONS

- Ambient temperature: should be between 5°C and +35°C.
- It should be ensured that conditions such as frost, precipitation, high winds and high temperatures are not present.

### SURFACE PREPARATION

- The surface of the masonry elements to be applied should be cleaned from dust, dirt, paint, oil and similar substances that will reduce adherence.
- No foreign ingredients should be added to the prepared material.

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## PREPARATION OF MIXTURE

- Using a scale, 4.25-4.75 liters of clean water is poured into a clean mixing container.
- ExperWall DY 25 is slowly added to the container filled with water and mixed with a low-speed mixer until a homogeneous and lump free mixture is obtained.
- The mixture is left to rest for approximately 4-5 minutes and then it is mixed again for 1-2 minutes to make it ready for application.

## APPLICATION DETAILS

- The finished masonry mortar is applied on the vertical sides of the masonry element with the help of a trowel.
- The adhered masonry element should be fixed with a rubber mallet from the top and side.

## WARNINGS

- Do not apply in weather conditions below +5°C, above +30°C, in rainy and/or windy weather.
- Avoid application in areas that are frozen, at risk of freezing within 24 hours, in conditions that may prevent application or damage the surface after application.

## CONSUMPTION

- 13-21 kg/m<sup>2</sup> depending on the size of masonry elements

## EQUIPMENT CLEANING

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

## STORAGE AND SHELF LIFE

- It should be stored in its unopened original package, in a closed, moisture-free, dry environment protected from frost. The products should not be overloaded in a way that would damage their packaging.
- Shelf life under proper storage conditions is 12 months from the date of manufacture.

## 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.

## 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.

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## 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 998-2