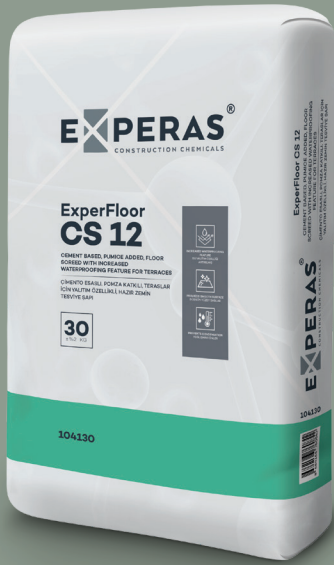


# ExperFloor CS 12

**COLOR OPTIONS:** Grey**30**  
±%2 KG

## CEMENT BASED, PUMICE ADDED, FLOOR SCREED WITH INCREASED WATERPROOFING FEATURE FOR TERRACES

Cement based, polymer and pumice added, single component, ready to use floor screed with improved waterproofing feature, developed for use on roofs and terraces.

**PREVENTS  
CONDENSATION****PROVIDES  
SMOOTH  
SURFACE****INCREASED  
WATERPROOFING  
FEATURE**

### TECHNICAL SPECIFICATIONS

Chemical Structure	Cement based, polymer and pumice added powder
Dry Unit Weight	~850 g/cm³
Mixture Ratio	13,00-14,50 lt water / 30 kg powder
Pot Life	~1 hour
Working Time	20 minutes
Application Thickness	30-50 mm
Compressive Strength	≥5 N/mm² - C5
Bending Strength	≥1 N/mm² - F1
Böhme Abrasion Strength Class	A22
Reaction to Fire	A1
Consumption	8,00-9,00 kg/m² (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 to apply.
- Provides a smooth surface.
- Provides waterproofing on building terraces.
- Contributes to thermal insulation and soundproofing.
- It does not create thermal bridges with its seamless structure.
- Prevents condensation (bleeding), mold and moisture.
- It does not crack and swell.
- Does not require protection screed, reduces building load.
- It acts as a fire barrier.

### APPLICATION AREAS

Used as a screed material to create a smooth floor with thermal insulation, sound proofing and especially waterproofing features:

- Outdoors,
- For applications on roofs and terraces of hotels, hospitals, schools, residences, business centers and offices.

### SURFACE AND APPLICATION CONDITIONS

- The floor concrete must be cured and the moisture content of the concrete must not exceed 4%.
- Air temperature should be between +5°C and +35°C during application.

## Floor Systems

**104130**

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### SURFACE PREPARATION

- The application surface must be dry. It should be cleaned from dust, dirt, paint, oil and similar substances that will reduce adherence. Eyelet gaps should be filled. Oil-soaked surfaces should be cleaned with chemical cleaning agents.
- Material such as mortar and cement residues should be scraped off.
- Repair of surface damages with a depth of more than 2 cm should be filled with repair mortar 24 hours before application.
- The surface should be primed with ExperPrime AP 30 primer after surface preparation.

### PREPARATION OF MIXTURE

- Using a scale, pour 13-14,50 liters of clean water into a clean mixing bowl.
- Slowly add ExperFloor CS 12 into the water tank and mix with a low speed mixer (140-200 rpm) for 3-5 minutes until a homogeneous and lump free mixture is obtained.
- After the mixture has rested for about 10 minutes, it is mixed again for a short time and made ready for application.

### APPLICATION DETAILS

- Depending on the ground and weather conditions; ExperFloor CS 12 can be applied at least 30 minutes after primer application.
- The application surface is divided into plaster strips according to the desired thickness according to the width of the area.
- Pour the prepared mortar onto the surface divided into plaster strips for the first coat application one by one and spread it on the surface with a trowel. After spreading is complete, ruling is done.
- The first coating application thickness is 10-20 mm.
- Immediately after the first layer is applied, ExperBrace RM 20 reinforcement plaster is laid on top of it and slightly embedded into the surface.
- After the ExperBrace RM 20 reinforcing mesh laying is completed, proceed with the application of 2 coats without waiting.
- The second coating application thickness is 20-30 mm.
- In applications made with a mixer pump, the width of the application area should not exceed 6 meters in order not to disturb the spread of the material together.
- Continuous application is required to prevent the formation of cold joints in large areas.

### WARNINGS

- Do not apply in weather conditions below +5°C and above +30°C.
- Avoid application in areas that are frozen, in areas with the risk of freezing within 24 hours, in conditions that may prevent the application or that may damage the surface after application.
- After application, wait at least 3 days before coating the surface.
- Do not apply on wet surfaces exposed to moisture.
- In areas with underfloor heating, the heating system should be turned off 24 hours before the leveling screed application and turned on 72 hours after the application.

### CONSUMPTION

- 8,00-9,00 kg/m<sup>2</sup> (for 1 cm thickness)

### EQUIPMENT CLEANING

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

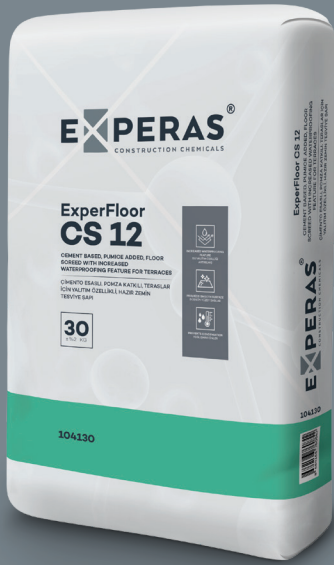
### STORAGE AND SHELF LIFE

- 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.

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#### **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.

#### **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.