

# ExperFloor RL 14

COLOR OPTIONS: Off-White

25

±%2 KG



## GYPSUM BASED, SELF-LEVELING, RAPID SETTING FLOOR SCREED (1-10MM)

Gypsum based, self-leveling, rapid setting floor screed that can be applied up to 10mm thickness.



RAPID SETTING



SELF LEVELING

### TECHNICAL SPECIFICATIONS

Chemical Structure	Gypsum-based powder containing polymers and high-performance additives
Powder Density	~ 1,35 kg/lt
Mortar Density	~ 1,90-2,10 kg/lt
Water Mixture Ratio	6,00-6,50 lt water / 25 kg powder
Pot Life	~ 20-25 minutes
Initial Setting Time	≥ 40 minutes
Setting Completion Time	≥ 60 minutes
Walkability Duration	2 hours
Duration of Application on it	4 hours - Floor covering 12 hours - PVC and laminated parquet
Compressive Strength	≥5 N/mm <sup>2</sup> 1 Day ≥25 N/mm <sup>2</sup> 28 Days C25 (EN 13813)
Bending Strength	≥1,5 N/mm <sup>2</sup> 1 Day ≥7 N/mm <sup>2</sup> 28 Days F7 (EN 13813)
Bond Strength	≥1 N/mm <sup>2</sup>
pH	≥11
Reaction to Fire	A1 (TS EN 13501-1)
Consumption	1,50-1,60 kg/m <sup>2</sup> (for 1 mm 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.
- Has self-leveling feature.
- Provides a smooth surface.
- It does not crack and swell.
- Sets faster than cement based leveling screeds.
- Does not form shrinkage cracks.
- Suitable for underfloor heating.
- Does not require moisturizing after application.
- Can be applied by machine.

### APPLICATION AREAS

Used to create a smooth and shrinkage-free floor with high surface quality:

- Indoors,
- On floors where there is no water contact,
- Underfloor heating,
- In areas exposed to heavy pedestrian traffic such as residences, hospitals, educational buildings, shops,
- Before floor coverings such as carpet, parquet, PVC, linoleum, ceramic, marble, granite, epoxy on cement-based screed surfaces, concrete slab surfaces.

## Floor Systems

13813  
104325

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

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### 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 +30°C during application.

### 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 must be primed with ExperPrime AS 30 primer after surface preparation.
- Before application, areas such as wall edges and door fronts should be covered with profiles or tapes.

### PREPARATION OF MIXTURE

- Using a scale, pour 6,00-6,50 liters of clean water into a clean mixing bowl.
- Slowly add ExperFloor RL 14 into the water tank and mix with a low speed mixer for 3-5 minutes until a homogeneous and lump free mixture is obtained.
- The mixture is allowed to rest for about 1 minute, then mixed again for 1 minute and made ready for application.

### APPLICATION DETAILS

- Depending on the ground and weather conditions; ExperFloor RL 14 can be applied at least 30 minutes after primer application.
- The prepared mortar of a flowing consistency is poured onto the surface.
- If necessary, the thickness can be adjusted with a notched trowel to facilitate the spreading process.
- After spreading the product on the surface, air bubbles in the product should be eliminated by using a spiked roller and spiked shoes.
- 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, above +30°C in rainy and/or windy weather.
- 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.
- Dilatation joints must be observed in the application area, if any.
- Profiles suitable for the thickness of the topcoat to be applied should be used.
- After application, make sure that the product is completely dry before coating the surface.
- After application, there is no need for watering or moisturizing.
- It should not be applied outdoors and in industrial areas.
- 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

- 1,50-1,60 kg/m<sup>2</sup> (for 1 mm thickness)

### EQUIPMENT CLEANING

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

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## Technical Information Form

### 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 6 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.

### 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 13813