



Epoviv 30/FR

Let's shine

Two-component self-levelling epoxy
formulation up to 3 mm thick

CHARACTERISTICS

EPORIV 30/FR is a ready-to-use, two-component epoxy formulation for interior applications, suitable for self-leveling resin coatings with a thickness ranging from 1 to 3 mm. **EPORIV 30/FR** is recommended for environments with medium chemical aggression and severe mechanical stresses. It can be used as flooring for residential or decorative purposes and complies with the requirements defined in the UNI EN 13813 standard ("Materials for synthetic resin screeds for use in buildings").

HOW TO USE

SURFACE PREPARATION: the surfaces must be flat, clean, free from dust, oil, grease, mud, loose particles, and any other substances that could reduce adhesion. If necessary, before applying **EPORIV 30/FR**, ensure that the environment is sufficiently heated so that the substrate reaches a temperature of 10°C. Apply at ambient temperature ranging from +10°C to +30°C with a relative humidity below 85%.

IMPORTANT NOTES: do not apply **EPORIV 30/FR** on improperly prepared surfaces or surfaces not treated with **FEDERPRIMER**. Avoid applying **EPORIV 30/FR** on damp substrates or substrates subject to rising damp. Do not expose the mixed product to heat sources.

PREPARATION OF FEDERPRIMER: thoroughly mix component B with component A until a uniform color is obtained. Load the product with quartz level (0.1-0.5 mm) in a weight ratio of 1:0.8. Once the mixture is ready, apply it smoothly and level it to zero using a smooth spatula, making sure to cover the entire surface. It is also recommended to dust it with fine quartz (0.1-0.5 mm) immediately after applying the primer to enhance the adhesion of **EPORIV 30/FR**.

PREPARATION OF EPORIV 30/FR: combine component B (hardener) with component A (colored resin) and mix for a few minutes using a low-speed drill until a lump-free and homogeneous mixture is obtained. Under continuous gentle agitation, add the required amount of filler and mix until a homogeneous paste is achieved.

Let's shine

is a line:

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Eporiv 30/FR



Components **A + B**



A 20 kg +
B 5 kg

APPLICATION

EPORIV 30/FR can be used as a self-leveling coating and as a multilayer system.

1. Used as a smooth self-levelling coating (2-3 mm thickness)

prepare the substrate properly by shot blasting and subsequently cleaning the surface. Then apply **FEDERPRIMER**, and once the primer has cured, apply **EPORIV 30/FR** evenly with a notched trowel. The curing time of **EPORIV 30/FR** varies depending on the temperature (from 10 to 60 minutes). It is recommended to spread and level the mortar and use a spiked roller in a crisscross pattern to release trapped air.

2. Used as a multi-layer coating (1-2 mm thickness)

it is advisable to prepare the substrate adequately by shot blasting and subsequent surface cleaning. Apply **FEDERPRIMER**, and once the primer has cured, apply **EPORIV 30/FR** evenly with a smooth trowel. Then broadcast an appropriate quartz aggregate based on the desired thickness. Remove any excess, unanchored quartz and apply the finishing layer of **EPORIV 30/FR** with a smooth trowel. If necessary, broadcast again and apply an additional layer. The curing time of **EPORIV 30/FR** is influenced by the ambient temperature. In any case, it is recommended not to open the floor to pedestrian traffic before 24-48 hours and heavy traffic before 3-5 days from the last applied coat.

INDICATIVE COVERAGE

1. Used as a smooth self-levelling coating (2 mm thickness) the flatness of the substrate significantly affects consumption

0.5 Kg/m² **FEDERPRIMER**

1.5 Kg/m² Quarz dust

1.5 Kg/m² **EPORIV 30/FR** (A+B)

1.3-1.5 kg/m² **QUARZ LIV** (Charge)

2. Used as a multi-layer coating (1.5 mm thickness)

0.7 Kg/m² **FEDERPRIMER**

1.5 Kg/m² Quarz dust

0.8 Kg/m² **EPORIV 30/FR** (A+B) smooth

1.4kg/m² **EPORIV 30/FR** (A+B) rough

AVAILABLE COLOURS

RAL colours and custom colors are available upon request.

STORAGE

The product has a shelf life of 12 months from the delivery note date, provided it is stored indoors, in sealed packaging, protected from heat sources and freezing, at a temperature between +5°C and 30°C. If the material has been stored beyond the recommended storage stability duration, it may not necessarily be unusable, but a qualitative check on the application-related characteristics should be carried out beforehand.

LIMITS OF RESPONSIBILITY

We decline all responsibility for work and damage which might result from improper or incorrect use of the product. The indications supplied with our product specifications and instructions for use are the results of accurate laboratory tests and experience in the field. However, as it is not possible to forward other evidence, when the products are used, these indications shall not be binding and do not imply liability on our part. As well as following good working practices, before applying the product we recommend you read the safety recommendations and the directions on the package. For the best professional results, it is advised to test a small area first, for compatibility with the surface to treat and the desired effect. This preliminary testing is also useful to determine the consumption according to the characteristics of the material the product will be used for and to the type of processing. The reproduction, even partial of this product sheet is forbidden. The data refer to the standards in force at the time of printing, 2013. The company reserves the right to make any changes without notice.

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PRODUCT FOR PROFESSIONAL USE