



Eporiv 20/FR

Let's shine

Two-component self-levelling epoxy
formulation up to 2 mm thick

CHARACTERISTICS

EPORIV 20/FR is a two-component epoxy formulation for indoor use, ready to use, self-levelling, suitable for resinous coatings 1-2 mm thick. EPORIV 20/FR is suitable for environments with medium chemical aggression and severe mechanical stress, but also for civilian or decorative flooring. It meets the requirements of standard UNI EN 13813 ("Synthetic resin-based screed materials for use inside buildings").

HOW TO USE

PREPARATION OF THE SUPPORT: surfaces must be flat, clean, with no dust, oil, grease, mud, friable parts or any other substance that could hamper the product adhering to the substrate. If necessary, before applying **EPORIV 20/FR**, heat the environment until even the substrate reaches a temperature of 10°C. apply at an environment temperature between 10°C and 30°C with relative humidity below 85%.

IMPORTANT NOTES: do not apply **EPORIV 20/FR** on substrates that have not been correctly prepared and not treated with **FEDERPRIMER**, do not apply **EPORIV 20/FR** on damp substrates or substrates with capillary rising damp, and do not expose the mixed product to heat sources.

APPLICATION OF THE FEDERPRIMER: thoroughly mix component B with component A until a uniform colour is obtained, then add the product with **QUARTZ LIV** (0.1-0.5 mm) at a weight ratio of 1:0.8. Mix, then spread and smooth to zero with a smooth trowel, taking care to cover the entire surface. We recommend dusting the surface with fine quartz (0.1-0.5 mm) immediately after applying primer to improve the adhesion of **EPORIV 20/FR**.

PREPARATION OF THE EPORIV 20/FR: add component B (hardener) to component A (coloured resin), mix for several minutes with a low-speed drill until obtaining a lump-free mixture with a homogenous colour, then still stirring slowly, add the required quantity of aggregate and mix until obtaining a homogenous mixture.

Let's shine

is a line:

FEDERCHEMICALS™ s.r.l.

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Eporiv 20/FR



Components **A + B**



A 16 kg +
B 4 kg

APPLICATION

EPORIV 20/FR can be used as a self-levelling coating and as a multi-layer.

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

prepare the substrate by shot blasting and then cleaning the surfaces, then apply **FEDERPRIMER**, then once the primer has hardened, apply **EPORIV 20/FR** evenly with a notched trowel. The hardening time of **EPORIV 20/FR** varies depending on temperature (from 6 to 24 hours). We recommend spreading and levelling the mortar and regularising with a spiked roller working in a criss-cross motion to release air bubbles.

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

1. prepare the substrate by shot blasting and then cleaning the surfaces, then apply **FEDERPRIMER**, then when the primer hardeners, apply **EPORIV 20/FR** evenly with a smooth American trowel, seed to excess with suitable quartz to the desired thickness, then remove any excess unanchored quartz and apply the finishing layer of **EPORIV 20/FR** with a smooth American trowel. If necessary, seed again and apply another layer.

The hardening time of **EPORIV 20/FR** depends on the environment temperature. We recommend keeping the floor free from pedestrian traffic for 24-48 hours after the first coat and from heavy traffic for 3-5 days.

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** + 2,0 Kg/m² dusting of quartz

1,5 Kg/m² **EPORIV 20/FR** (A+B) + 1,3 – 1,5 Kg inert

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

0,7 kg/m² **FEDERPRIMER** + 3,0 kg/m² dusting of quartz

0,8 kg/m² **EPORIV 20/FR** (A+B)

AVAILABLE COLOURS

RAL colours and custom colours only on request.

STORAGE

The product must be stored in the original containers, tightly sealed, protected from direct sunlight and frost and in ventilated areas. In these conditions the product has a duration of 12 months from the date of the delivery note. If the material will be kept in storage beyond the recommended stability period, it will not necessarily be considered unusable but a quality control must be performed on the characteristics relevant to the application

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.

PRODUCT FOR PROFESSIONAL USE

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