



Epoviv AR Plus

Let's shine

High resistance
coating

CHARACTERISTICS

EPORIV AR PLUS is a two-component epoxy system modified with epoxy-novolac and special aliphatic amines loaded with glass microspheres, free of solvents with strong resistance to abrasion and to contact with various aggressive chemicals in general. Thanks to its formulation **EPORIV AR PLUS** is easy to apply and easy to maintain, the system is a valuable ally in industrial use and creates strong thicknesses even in single hand with excellent carbonation resistance.

HOW TO USE

PREPARATION OF THE SUPPORT: the surface to be treated must be free of any pollutants such as oils, grease, dust and pre-existing paints, and must be perfectly dry, sound and cohesive. For surfaces in CIs it is necessary and advisable to carry out shot peening. Any repairs to the concrete must be made with synthetic mortars made with **EPOXY FLOOR**, taking care to always obtain a rough finish. With a dry and moisture-free surface, you can apply the adhesion primer, **FEDERPRIMER** with an estimated consumption of 200 300 g/m² and with a surface quartz dust. In the presence of wet surfaces we recommend applying the primer **UNICO TRIEPOXY** in 2 successive coats with a minimum consumption of c.a. 1 Kg/m.

Wait at least 48 hours before you can proceed with the next application of **EPORIV/AR PLUS** coating.

PREPARATION OF THE PRODUCT: two-component product to be mixed thoroughly at the time of use. Mix **part A** beforehand and add **part B** in the proportions indicated. Mix with a low speed mechanical drill until you get a homogeneous product and free of lumps.

APPLICATION: apply **EPORIV AR PLUS** evenly and within approx. 20 minutes at +23°C. Possibility of applying two coats in 24 hours. The product is applicable from

Let's shine

is a line:

FEDERCHEMICALS™ s.r.l.

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Components **A + B**



A 14 kg +
B 2 kg

+5°C, applies with normal painting equipment such as brush, roller. For drying times (at 20°C) and ripening, refer to the table below.

Workability time (pot life)	30 minutes
Initial setting time	60 minutes
Dust free	30 minutes
Dry to the touch	4 hours
Pedestrianized with caution	20 hours
Complete curing	7 days

TECHNICAL DATA

Color	on RAL scale
Specific weight of the mixture (kg/l)	1,25±0,05
Viscosity (mPa.s)	1050 ± 100
Mixing ratio	Comp. A : Comp. B = 7 : 1
Pot life at (a + 20°C)	approx 30 minutes
Thickness (per hand)	approx 300 µ
Consumption	approx 200-300 gr/sqm
Dry to the touch + 20°C	4 hours
Passable with caution	20 hours
Complete hardening	7 days

PERFORMANCE OF THE PRODUCT IN OPERATION

Compressive strength	>85 Mpa
Resistance to flexibility	>8 Mpa
Tensile strength	>25 Mpa

CHEMICAL RESISTANCE

	Aggressive agent	Distilled water	Sulphuric acid		Hydrochloric acid		Lactic acid	Acetic acid		Sodium hydroxide		Ethyl alcohol	Xylene	Toulene
			10%	30%	10%	30%	5%	5%	10%	10%	50%			
Frequent contact	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	
Accidental contact							✓	✓						✓

*chemical resistance is not intended for containment of the aggressive liquid

INDICATIVE COVERAGE

Approx 200-300 gr/sqm per hand possibility of applying two coats in 24 hours.

STORAGE

12 months, when stored in tightly closed containers and in a cool and dry environment with a temperature between +5°C and +25°C.

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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