

## THREE-COMPONENT, EPOXY PASTE RESIN FOR REPAIR OF FINE CRACKS REAL GR 950

### PRODUCT DESCRIPTION

**REAL GR 950** is a three-component, high-strength, epoxy paste resin designed for the repair of fine cracks and the restoration of damaged concrete floors. The product offers high mechanical strength, excellent adhesion to concrete substrates, and high resistance to vibrations and impacts.

### TECHNICAL SPECIFICATIONS

Appearance	White matte
Color	White
Density (gr./ml. 20°C)	1,80 ± 0,05
Mixing ratio by weight	Comp.: A 2,40 units Comp.: B 1,10 units Comp.: C 6,50 units
Solids by weight (w/w)	% 1,25 ± 2
Application method	Trowel and polish
Open working time at +20°C	20-25 min.
Full drying at +22°C	4-10 days
Flexural strength	30 N/mm <sup>2</sup> (7 days) (TS EN 196-1)
Compressive strength	75 N/mm <sup>2</sup> (7 days) (TS EN 196-1)
Shore D hardness	83 (7 days)
Continuous Thermal Endurance	+50°C + 80°C (most 7 days)



### APPLICATION AREAS AND FEATURES.

**REAL GR 950** is used for the repair of fine cracks and the restoration of damaged concrete floors.

**REAL GR 950** areas of use:

It is used as a repair material for floors in both indoor and outdoor areas. This is a three-component, self-leveling, solvent-free mortar consisting of a combination of specially graded aggregate materials and high-strength epoxy resins. When mixed, it forms a liquid, self-leveling epoxy grout.

### ENVIRONMENTAL CONDITIONS

The air temperature should be in the range of +15°C to +35°C. Application should not be carried out when the humidity exceed 80%. The surface temperature must be at least 3–5°C above the dew point to prevent condensation.

It should be noted that material consumption will increase when applied at lower temperatures. The surface temperature must be at least +5°C and no more than +45°C.

## USAGE

### Surface Preparation

The surface for application must be dry and carefully cleaned of contaminants such as dust and other.

### Product Usage

**REAL GR 950** is used on all cracked and damaged reinforced concrete surfaces.

Application Method: The required amount of joint sealant is determined by the user and applied according to the type and size of the joint or the crack.

## PACKAGES

**One package REAL GR 950 contains three components:**

Component A: 1.175 kg. + B: 0.450 kg. + C: 3.375 kg.  
Total set weight: 5 kg.

Component A: 2.40 kg. + B: 1.10 kg. + C: 6.50 kg.  
Total set weight: 10 kg.



## SHELF LIFE

The material must be stored in its original packaging in a cool and dry place. The shelf life in unopened packaging is 24 months for components A, B and C.

## HEALTH AND SAFETY INFORMATION

Refer to the product's Material Safety Data Sheet (MSDS) for safety guidelines and warnings.

The most essential safety precautions to follow are:

Contact of the product with skin and eyes must be avoided by using gloves, safety goggles, a face mask, and protective cream.

Ensure proper ventilation during application and until the primer is fully dried.

In case of skin contact, wash the affected area with warm water, soap, or a suitable cleanser.

In case of eye contact, rinse thoroughly with water for at least 10 minutes and seek medical attention.

Carefully read all warning labels on the packaging and strictly follow the recommended working

**\* Our information about the products is based on our own laboratory tests and researches under normal conditions. Our company is not responsible for studies under unsuitable application conditions. The right to change this information is reserved by our company. Please contact R.Y.K. for more detailed information**

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[www.adacolor-bg.com](http://www.adacolor-bg.com)

Sofia  
6 "Andrey Germanov" str.  
mobile: 089 666 3042 / 089 468 3880

Sofia, "Ovcha Kupel 1" quarter  
33 "Promishlena" str., 429 bl., store 18,  
mobile: 089 666 9071

Plovdiv  
176 "Brezovsko shose" str.  
mobile: 089 544 7503 / 089 666 3044

Varna  
25 "Usta Kolyu Ficheto" str.  
mobile: 089 666 9079 / 089 466 9023

Shumen, "Dobrudzhanski" quarter  
Ind. zone, "Stroykomplekt" site  
mobile: 089 455 1685 / 089 666 3043

Kardzhali  
1 "Klokotnitsa" str.  
mobile: 089 575 0749 / 089 666 3057

Troyan  
49 "Makedoniya" str.  
mobile: 089 666 9079 / 089 673 4489

Haskovo, 5 "Okolovrasten pat" str.  
South Industrial zone  
mobile: 089 666 3051 / 089 241 2833

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