



# SEMPOXY CONCRETE FIX

EPOXY BASED CONCRETE ADERANCE ENHANCER

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DATE:05.10.2022

REV. DATE01.01.2025

REV:02

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### 1 DESCRIPTION

**SEMPOXY CONCRETE FIX**, is two componnt epoxy based adhesion enhancer used for bonding old concrete to new concrete.

### 3 ADVANTAGES

- Effective barrier against to the corrosion.
- Perfect adhesion to the damp concrete.
- By brush or cold application.
- Excellent adhesion between old and new concrete.

### 4 PACKAGING

A +B Comp.: 3,3 kg + 1,7 kg in metal buckets.

### 2 USES

It is used to protect reinforcement against corrosion before repair mortar applications,

- Bonding of concrete, stone, metal,
- To ensure the adhesion of old concrete to new concrete,
- It is used as an adhesive in planting sprouts on horizontal surfaces or in the anchoring and assembly of reinforcement

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### 5 TECHNICAL SPECIFICATIONS

QUALIFICATIONS	FEATURES	METHODS
Color	Grey	-
Mixture Density	1,50+0,05 kg/lt	-
Mixing Ratio	4:1	-
Shelf Life	12 months in unopened. pails	-
Service Temperature	(+5°C)- (+30°C)	-
Consumption	For 1 mm thickness -1,6 kg/m <sup>2</sup>	-
Tam Mukavemet	7 gün	-
Compressive Strength (TS EN 196)	3 days >40 N/mm <sup>2</sup>	7 days: >60 N/mm <sup>2</sup>
Flexural Strength (TS EN 196)	3 days >20 N/mm <sup>2</sup>	7 days: >30 N/mm <sup>2</sup>
Adhesion Strength (TS EN 196)	Concrete : >3,0 N/mm <sup>2</sup>	Steel >3,5 N/mm <sup>2</sup>

Viscosity measured at + 25°C according to EN ISO 3219 standards. Viscosity increases inversely with temperature.

### 6 APPLICATION PROCEDURE

#### Surface Preparation & Concrete Standards

Strength: C20/25.

Humidity: W ≤ 5%.

Temperature: 5-35 oC.

Relative humidity: < 85

The substrate must be clean, dry and free of all contamination such as dirt, oil, grease, and coatings etc All dust, loose and friable material must be completely removed from all surfaces before application of the product, preferably by brush and/or vacuum

#### Mixture:

Mix the components for 2-3 minutes with a low speed mixer (300 rpm) or manually. Apply the products immediately after mixing, the pot life of mixture is 30 minutes at 20 °C.

#### Application:

Protective gloves and masks should be used for hands and eyes during application. It is not diluted. . It should be applied at over the temperature+5 C

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### 8 PRECUATIONS

Flammable and exploision products should be kept away during the application. Protective gloves and masks should be used for hands anzd eyes during application. The product should be used in well ventilated environments.If the material comes into contact with eyes, it should be washed immediatly with sicient water. Childrens should kept away from the product. For more detailed information, ask for the Safety Data Sheet (MSDS).

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### NOT

Yukarıda verilmiş olan teknik veriler ve uygulama metotları firma bünyesinde yapılan test ve uygulamalar neticesinde sunulmuştur. Ürünlerin uygulama esnasında zemin, hava şartları ve neme bağlı durumların değişkenlik gösterebileceği göz önünde bulundurularak, her bir uygulama öncesi özel gereksinimleri ve amaçları karşılayıp karşılamayacağını anlamak için detaylı inceleme ve amaca yönelik uygulamalar yetkili kişiler tarafından inceleme sonrası karar verilmelidir. Ürünlerimizin doğru uygulanması tamamen sizin sorumluluk ve yükümlülük kapsamındadır. Genel satış ve teslimat şartlarımız kapsamında süreklilik ve tutarlı kaliteye sahip ürünler temin edeceğiz. Kullanıcılar, yerel kanunlara uymak, çevre ve gerekli kurumlardan izin almaktan sorumludur. Teknik veri sayfasının yeni baskısı bir önceki baskıyı geçersiz kılar. Yetkili satış temsilcisinden güncel baskıyı isteyiniz