



Description

Romanmix I15 is a natural hydraulic lime-based, flowable, pozzolanic injection mortar for historical structures, classified as M15 according to EN 998-2.

Application Areas

- Used for structural repair of load-bearing elements in historical buildings,
- Fills both small and large voids,
- Suitable for the restoration of domes and arches in historical structures,
- Used to fill internal voids that have developed over time in historical building foundations,
- Provides protection against chloride and sulfate attacks in historical structures.

Advantages

- It is single component. It is easily applied by mixing with water.
- It can be easily applied in filling the internal cavities of existing foundations and walls. It has fluid property.
- It has very high mechanical and durability properties.
- It can be easily applied with suitable injection machine.
- It provides high adherence with the existing surface.
- It is A1 fire rating.
- It is resistant to cold-hot cycles and has high wear resistance.
- Enables structures to breathe.
- It has high cracking strength.



Technical Properties

Compressive Strength	28 day > 15 MPa
Elastic Modulus	28 day > 19000 MPa
Fluidity (DIN CUP 6)	Beginning < 35 sec 20 dk after < 45 sec
Water Vapor Permeability	< 35 μ
Fire Resistance	A1
Capillary Water Absorption (EN 13057)	< 0,2 kg. m ² min ^{-0.5}
Specific Weight	1,82 gr/cm ³
Mixture Density	1,90 - 1,95 gr/cm ³
Pot Life (+20°C)	30 minutes
Full Cure Time (+20°C)	28 day

The values provided above are based on tests performed on 40x40x160 mm samples under conditions of +20°C and 65% relative humidity. Results may vary depending on application and environmental factors.



Asmalı Mescit Mah. Meşrutiyet Cad.
No:11 K:5 D:9 Beyoğlu İstanbul



info@tetraglobe.com



+90 (0212) 951 03 99



www.tetraglobe.com

APPLICATION INSTRUCTIONS

1-SURFACE AND PRELIMINARY PREPERATION

The application surface should be cleaned from all kinds of dirt, rust and dust. The loose layer on the surface should be removed. The surface should be moistened so without water moving on it.

2-MIXING

Appropriate amount of water is added in accordance with mixing ratio into the container before mixture and then powder formed material by mixing will be added in container slowly. 6.5 – 6.8 liters of mixing water is added for one package (25 kg). Mixing process should be carried out with a mechanical mixer.

3-APPLICATION

Surface and cracks for leaks should be covered with Romanmix S10 plaster and made ready after 24 hours.

4-CLEANING UP

Equipments can be cleaned with water. The cleaning of the hardened mortar should be provided mechanically.

LIMITATIONS

Do not add more than stated amount of water into the mortar other than the instructions specified in the product technical document. The application should be carried out between the specified temperatures. When the application is carried out at low temperatures, the set slows down, and at high temperatures, the set accelerates. Workability may vary according to ambient conditions.

RESPONSIBILITY

The information, application details and recommendations specified in the product's technical documentation have been created with Tetraglobe's knowledge and experience. The usage of the products may differ depending on the ambient conditions and the applied surface. Data obtained other than the Tetraglobe control may differ from obtained actual experimental data. Make sure you use the right product under the right conditions and follow the instructions given by Tetraglobe. Otherwise, Tetraglobe cannot be held responsible. Previous versions of the newly published technical document are invalid.

PRODUCT INFORMATION SOURCE

The information stated in the product technical documentation are based on experimental data. Value obtained other than the Tetraglobe control may differ from the actual value for various reasons.

SAFETY & HEALTH and ENVIRONMENT

Product users can refer to the Material Safety Data Sheet (MSDS) for all product-related information and recommendations regarding the safe shipment of chemical products, storage conditions, disposal, physical, toxicological, ecological, and other safety-related claims.

CONTACT INFORMATION

Tetraglobe Yapı Malzemeleri Pazarlama A.Ş.
Adres: Asmalı Mescit Mah. Meşrutiyet Cad. No:9 D:11 Beyoğlu/İstanbul
Tel: +90 212 951 03 99
Mail: info@tetraglobe.com
Web: www.tetraglobe.com

