

# M17 MX likit

Construction Chemicals > Waterproofing Products > Structural Waterproofing Products



The product is a liquid concrete admixture that interacts with various active chemicals present in its content. These chemicals react with by-products of hydration in fresh concrete, forming a crystalline structure in the pores and capillary voids of the concrete. This process enhances the waterproofing properties of the concrete.

## ■ Fields of Application

- Foundations, basement, and underground floors
- Water reservoirs and treatment plants
- Swimming pools and sewage systems
- Dams and irrigation channels
- Tunnels, canals, and ports
- Elevator shafts
- Underground parking structures
- Concrete pipes and precast concrete elements

## ■ Advantages

- Fills capillary voids and micro-cracks up to 0.4 mm within the concrete structure.
- Provides permanent and structural waterproofing effects in concrete.
- Reduces the passage of water and other liquids.
- Suitable for concrete pouring in all weather conditions.
- Resistant to both positive and negative water pressure.
- Non-toxic.
- Easy application, ensuring no disruption to work schedules.

## 1 Preparation

M17 MX Liquid should be added to the concrete mixer just before the concrete is poured. Approximately 1% of the total cement content in the concrete mix should be added. Then, mix for at least 10 minutes at high speed using a concrete mixer to ensure thorough distribution and activation.

## 2 Consumption

M17 MX Liquid should be used at a maximum of 1% of the cement weight in the concrete. The typical usage rate is 3-5 kg per cubic meter of concrete.

## 3 Health and Safety

During use and storage, ensure the product is not in the same environment as food items. Avoid contact with skin, eyes, and mouth; if contact occurs, wash thoroughly with plenty of water and soap. Keep out of reach of children. For detailed information, refer to the MSDS form.

## 4 Dikkat Edilecek Hususlar

- Shake the container well before use.
- To avoid issues with homogeneity in low slump concrete, ensure the slump in the mixer is not low (minimum 14-15 cm).
- To maintain the designed water/cement ratio for the concrete, reduce the concrete mix water by 0.8 kg for every 1 kg of M17 MX Liquid added.
- For homogeneous mixing of M17 MX Liquid in the concrete, it must be added to the transmix and mechanically mixed.
- Aggregates used in the concrete to which M17 MX Liquid will be applied must be clean and within the correct sieve ranges.

## 5 Packaging

10 kg plastic can 30 kg plastic can

## 6 Storage Life

Must be protected from freezing and can be stored in a dry environment at temperatures above +5°C for up to 12 months in unopened packaging.



## TECHNICAL DATAS

|                         |  |
|-------------------------|--|
| Material Composition    | Inorganic Mix  |
| Appearance              | Slightly cloudy liquid                                       |
| Density                 | 1,1 kg/l (+20°C)   |
| Application Temperature | Suitable for all weather conditions for concrete pouring     |
| Shelf Life              | 12 months in unopened packaging, stored in a dry environment |
| Packaging               | 10 kg canister, 30 kg canister                               |

### Legal Notes

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### Notes

This product data sheet includes all technical information based on laboratory experiments. Actual values may vary due to application and site conditions.