

# M-1 WATERPROOFING ADMIXTURE



## DESCRIPTION

- Concrete and mortar admixture providing waterproofing without changing setting time.

## INTENDED USES

- Foundations and retaining walls,
- Water tanks and water pools,
- Tunnels and structures where waterproofing is required.

## PROPERTIES

- Ready to use. Economical.
- Provides impermeability by filling the capillary spaces and pores in the concrete.
- M-1 WATERPROOFING ADMIXTURE** does not affect the setting time in the mortar.

## APPLICATION

- Shake well before using it.
- M-1 WATERPROOFING ADMIXTURE** must be mixed with water in a separate container.
- In applications where water impermeability is required, it should be added to the mortar mixture water in a ratio of 1/10.
- If the sand used is wet, this ratio can be reduced to 1/16.

## PACKAGING

- 5, 20 kg Plastic jerry can

## CONSUMPTION

- Add up to 1 or 2% of the amount of cement in the mortar and concrete.
- (For example, 1-2 L **M-1 WATERPROOFING ADMIXTURE** is added for 100 kg of cement.)

## TECHNICAL DATA

|                         |                  |
|-------------------------|------------------|
| Appearance              | White liquid     |
| Application temperature | (+5°C) - (+30°C) |
| pH                      | 9±1.5            |
| Density                 | 1.05±0.02kg/L    |

- These values are obtained under laboratory conditions ((23±2) °C temperature, 50% relative humidity) and may differ due to worksite conditions.
- MYFIX YILDIZ YAPI KİMYASALLARI SANAYİ VE TİCARET LİMİTED ŞİRKETİ** is not responsible for the application errors that may arise if the application conditions and precautions outlined above are not followed for the purpose of the product.

## WARNINGS AND RECOMMENDATIONS


- The amount of consumption may vary depending on the aggregate, cement and temperature used in the construction site environment.
- After application, hands and applications tools should be thoroughly washed with water.
- Fresh binders and clean washed material with suitable grain composition should always be used.
- Limewash must not be added to the mortar.
- The indicated consumption amount is general information and may differ due to application conditions and surface features.
- Skin contact should be avoided. In case of contact, wash with plenty of water.

## SHELF LIFE

- Shelf life of an unopened package stored in a dry, cool place is 12 months from the date of manufacture.

## QUALITY CERTIFICATES

- In Accordance with TS EN 1504-2 standards.

|  |
|--|
| <br>2163  |
| YILDIZ YAPI KİMYASALLARI SAN. ve TİC. LTD. ŞTİ.<br>İstanbul Mermereiler Küçük San. Sit. 18. Cad.<br>No: 22 Köşeler Köyü - Dilovası / KOCAELİ<br>18<br>DoP number: 03.PB 1504-2.008   |
| 2163-CPR-0560-1<br>TS EN 1504-2:2005<br>M-1 WATERPROOFING ADMIXTURE<br>Products and systems for the protection and repair of concrete structures-Definitions, requirements, quality control and conformity assessment-Part 2: Surface protection systems for concrete<br>Principle 1: Protection against foreign material, Method 12: Impregnation application |
| Capillary water absorption and water permeability : ≤0.1 kg/m <sup>2</sup> .h <sup>0.5</sup><br>Processing depth : Class I <10 mm<br>Fire response class : E   |

Yıldız Yapı Kimyasalları San. ve Tic. Ltd. Şti.

KOCAELİ KOBİ Organize Sanayi Bölgesi 18. Cadde No: 22 Köşeler - Dilovası / KOCAELİ / TURKEY

+90 (216) 469 66 33 +90 (262) 728 11 10 | www.myfixyapikim.com |  myfixyapikimyasallari