



# *PROFLOW* *740*

*Plasticizer for Mortar and Concrete*

## **PRODUCT DESCRIPTION:**

It is a sulfonate-based, ready-to-use, plasticizer concrete admixture.

## **FEATURES:**

It is used in the production of high-strength concrete, reducing the water ratio in the water/cement ratio, and normal workability is achieved.

Thanks to its lubricating effects, the internal friction of the concrete decreases, thus increasing the workability of the concrete.

It reduces the capillary water absorption of concrete.

Provides crack-free durability.

It increases the resistance of the added concrete or mortars against capillarity and water absorption under high pressure.

They increase the workability to ensure easy settlement of concrete in inaccessible places.

## **PRODUCT INFORMATION:**

Chemical Base Sulfonate

Appearance / Color Liquid / Brown

## **PERFORMANCE:**

(23°C, 50% RH)

Liquid Density 1.0±0.2 gr/cm<sup>3</sup>

pH 10 - 12

Freezing Point < 0°C

These values have been obtained as a result of laboratory tests carried out in our company and are valid for the performance of the finished applications at the end of the full drying period.

Since the temperature and humidity values in the construction site environment and the application surfaces and areas will vary, the values may change.

## **USAGE AREAS:**

It is used as a waterproofing additive in all kinds of cementitious (except alumina) mortars.

It is used in the construction of underground concrete foundations, tunnels, canals, all concrete floors, mortar and concrete.

## **APPLICATION INSTRUCTIONS**

It is ready to use. It is used directly.

0.5% - 2% of the cement is added to the mortar mixing water.



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## **LIMITATIONS:**

Please obey to the application instructions to obtain optimum quality. The application should be done between +5 C and +30 C. It should not be applied in hot, rainy and windy weather. It should not be applied on surfaces where there is a danger of frost. Until the product cures, it should be protected from rain, water, frost and negative external factors.

## **CONSUMPTION:**

Between 0.5% and 2% of the cement weight.

## **PACKAGING:**

30 kg Bag Drum

200 kg Ibs tank

## **SHELF LIFE:**

It is 1 year from the date of production in its original packaging in a humidity-free, dry and cool (temperature between +5 C and +25 C) environment. The lid of the containers should be tightly closed when not in use. It should be kept away from moisture.

## **STORAGE CONDITIONS:**

It should be stored in its unopened original package, in a moisture-free, dry and cool (temperature between +5 C and +25 C) environment. It should not be left under direct sunlight.

## **SECURITY:**

Do not breathe the product, do not contact the skin and eyes. Use mask. Use protective gloves, goggles and clothing. In case of eye contact, seek medical advice immediately. Keep out of reach of children. In case of skin contact, wash with plenty of water and soap. Do not swallow. For detailed information and recommendations, please refer to the Safety Data Sheet.

*DEKOSTAR San.ve Tic.Ltd. Şti. is not responsible for any application errors that may occur if the product is used for purposes other than its intended use or if the above-mentioned application conditions and recommendations are not followed. Dekostar reserves the right to change its products. Users should consider the latest edition of the Technical Data Sheet of the relevant product*