

# Kratos Rebound Minimizer

## Technical Data Sheet



### DESCRIPTION

Kratos RM is a shotcrete fiber reinforcement additive that reduces rebound up to 3 times in shotcrete applications as well as increases adherence by entering the gaps between the aggregate and the cement paste.

Kratos RM provides maximum homogeneous distribution in shotcrete and prevents rebound up to 3 times thanks to its multifilament fiber structure.

### APPLICATION AREAS

- Mining tunnels
- Transport tunnels
- Dam diversion tunnels
- Slope and portal structures

### DOSAGE

Kratos RM has varying dosages between 200-350 g/m<sup>3</sup> (0.33-0.59 lb/yd<sup>3</sup>) in different types of applications.

### DIRECTIONS FOR USE / MIXING

Kratos RM is produced in special water-soluble packages. It provides speed and convenience by mixing with concrete together with its pack during plant and on-site mixing. Kratos RM is compatible with all types of chemical additives and concrete classes.

### PHYSICAL PROPERTIES

Property	Unit	Value
Specific Gravity/Density	g/cm <sup>3</sup> (lb/ft <sup>3</sup> )	1.38 (86.15)
Length	mm (inch)	12 (0.47)
Filament Diameter	micron	17-21
Tensile Strength	MPa (ksi)	800-1100 (115-160)
Melting Point	°C (°F)	255-265 (491-509)
Fiber Type	Multifilament	
Polymer Type	High Performing Polymer Mix	

ISO9001:2015

### FEATURES & BENEFITS

- Reduces rebound in shotcrete up to 3 times
- Reduces segregation in concrete
- Provides easy application advantage
- Provides cost advantage (labor, time, material, depreciation, etc.) in shotcrete applications

### PACKAGING

Kratos RM is produced in special water-soluble packages. The standard package amount is 250 g (0.55 lb) (±%1,5) and 300 kgs (660 lb) of product is shipped in one palette.

### SHELF LIFE AND STORAGE

The suitable shelf life for unopened packages is 2 years. It is recommended to store the product in its original packaging in a closed environment, protected from moisture, water and direct sunlight.

### CONFORMITY / COMPLIANCE

Kratos RM has CE certification.

### LEGAL DISCLAIMER

The recommendations regarding the use of Kratos RM product presented by Kordsa Teknik Tekstil A.Ş. under the document are only recommendations and may vary according to the customer's purpose of using the product and technical data. Since the customer has the expertise and knowledge regarding the intended use of the product and the products made from the product in question, regardless of whether the product is used alone or with other materials, the customer undertakes all the risks and responsibilities arising from the use of the product. Kordsa Teknik Tekstil A.Ş. expressly declares that it is not liable for any loss and / or expense that may arise in the eye of the customer, regardless of whether it is used in accordance with the usage recommendation offered to the customer.

