

DESCRIPTION

Kratos PX is a high performance synthetic fiber reinforcement product produced from polymer specially designed by Kordsa engineering. This synthetic fiber designed specifically for pool plaster applications provides effective control against shrinkage cracks at every point with its 3 dimensional homogeneous distribution.

APPLICATION AREAS

Kratos PX is used in cement-based pool plaster applications.

DOSAGE

Kratos PX has a dosage of 150 g/m³ (0.25 lb/yd³).

DIRECTIONS FOR USE / MIXING

Kratos PX is produced in special water-soluble packages. It provides speed and convenience by mixing with concrete together with its pack during on-site mixing.

Kratos PX is specially produced to be mixed both in the plastering machine on-site and can be added to cement bag before adding into plastering machine. When mixing on-site; the packages are fed into the plaster machine according to the determined fiber dosage, and the mixing process is carried out at high speed for 3 minutes accordingly.

PHYSICAL PROPERTIES

Property	Unit	Value
Specific Gravity / Density	g/cm ³ (lb/ft ³)	1.38 (86.15)
Length	mm (inch)	6 (0.24)
Filament Diameter	micron	17-21
Tensile Strength	MPa (ksi)	800-1100 (115-160)
Melting Point	°C (°F)	255-265 (490-510)
Fiber Type	Multifilament	
Polymer Type	High Performing Polymer Mix	

ISO9001:2015

FEATURES & BENEFITS

- Due to its special polymer structure, the fibers do not form clumps and disperse homogenously in the mixture.
- The specially designed fibers achieve superior cracking control by minimizing shrinkage cracks that may particularly occur in hot and dry climates.
- Applies easily and rapidly.
- Compared to traditional applications, there is less need for repairs or renewal.
- Offers overall cost savings (labor, time, materials, depreciation, etc.)

PACKAGING

Kratos PX is produced in special water-soluble packages. The standard package amount is 150 g (0.33 lb) (±1.5%). Pallet size equals 240 kg (529 lb).

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.

LEGAL DISCLAIMER

The recommendations regarding the use of Kratos PX 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.

