

PRODUCT DATA SHEET

SikaFiber® Enduro® Mirage

MACRO-SYNTHETIC FIBER

PRODUCT DESCRIPTION

SikaFiber® Enduro® Mirage is macro synthetic reinforcing fiber complying with ASTM C 1116, Type III. SikaFiber® Enduro® Mirage is 100% virgin copolymer fiber designed to provide a uniform three dimensional reinforcement system in the concrete mix. Specifically engineered and manufactured in an ISO 9001 certified manufacturing facility. SikaFiber® Enduro® Mirage previously Enduro Mirage or SikaFiber Force MS25.

USES

SikaFiber® Enduro® Mirage can be successfully used as a safe and simple alternative to wire mesh and rebar. Due to its mechanical properties SikaFiber® Enduro® Mirage is recommended for use in following applications:

- Slab on ground
- Precast
- Pavement
- Composite Metal Deck

CHARACTERISTICS / ADVANTAGES

- Geometrically engineered to resist matrix pullout
- Increases flexural toughness
- Increases cohesion and reduces segregation
- Increases impact and shatter resistance
- Non-magnetic
- Rustproof
- Chemically inert and alkali proof
- Reduced wear on concrete pumps and hoses
- Safe and easy to handle
- Simplified logistics
- Economical alternative to steel wire mesh and/or steel fibers

APPROVALS / STANDARDS

- SikaFiber® Enduro® Mirage is UL/ULc certified and approved for usage in all D700, D800 and D900 series decks as an alternate to welded wire fabric
- Complies with ASTM C 1116/C1116M Type III Fiber Reinforced Concrete
- Complies with European Standard EN 14889-2: 2006 Fibres for Concrete Part 2: Class II

PRODUCT INFORMATION

Packaging	SikaFiber® Enduro® Mirage are pucked and placed various sizes of "toss-in" degradable bags. The bags are packed into cartons and palletized.
Appearance / Color	<ul style="list-style-type: none"> ▪ Fiber Type: monofilament macro synthetic fiber ▪ Fiber Network: 14,000 fibers/lb (30,800 fibers/kg)
Shelf Life	If stored in dry conditions shelf life is 5 years.
Storage Conditions	SikaFiber® Enduro® Mirage should be stored in a cool dry warehouse. Protect product from the rain and direct sunlight.
Density	0.91

LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION
- FOR INDUSTRIAL USE ONLY
- FOR PROFESSIONAL USE ONLY

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Sika Corporation

201 Polito Avenue
Lyndhurst, NJ 07071
Phone: +1-800-933-7452
Fax: +1-201-933-6225
usa.sika.com

Sika Mexicana S.A. de C.V.

Carretera Libre Celaya Km. 8.5
Fracc. Industrial Balvanera
Corregidora, Queretaro
C.P. 76920
Phone: 52 442 2385800
Fax: 52 442 2250537



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