TECHNICAL DATA SHEET

FLOREY® End-Hooked Collated Steel Fiber

End-Hooked Collated Steel Fiber

Fiber for Concrete and Mortar Reinforcement

Supplier: Luoyang Florey Import and Export Co., Ltd.

Website: www.floreyconcrete.com

Product Description

The hook shaped steel fibers at the end of the row are made of high-strength cold drawn steel wires, which are drawn into 0.5-1.0mm steel wires using the cold drawing method.

Applications

1. Building materials and heavy-duty floors: Concrete factory and logistics floors, enhancing wear resistance, crack control, and impact resistance.
2. Bridge engineering: Bridge deck pavements and box girder reinforcement, improving shear resistance and durability.

Product Specification

Item	Specification
Row end hook type / Length	35-60 mm
Row end hook type / Diameter	0.5-1.0 mm
Row end hook type / Tensile strength	≥1100 MPa

Guidelines for Use

• Heavy-duty floors (C30–C40): 30–50 kg/m³; focused on wear resistance and crack control, suitable for factories and logistics warehouses.
• Bridge pavements (C40–C50): 30–50 kg/m³; Box/T-girders (C50+): 50–80 kg/m³; enhances shear resistance and load-bearing capacity.
• Airport runways / aprons (C40–C50): 40–60 kg/m³; strengthens impact and fatigue resistance. Confirm fiber selection and dosage through project-specific mix trials.

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