



## Technical documents of glued steel fiber -SD45/35G

Product Model	SD45/35G
Aspect Ratio (L/D)	45
Length (mm)	35±2
Diameter (mm)	0.75±0.02
Shape	Hooked End
Tensile Strength (MPa)	≥1150/1800/2300
Number of Fibers per kg	6000
Certification Standard	EN 14889-1, ASTM A820/A820M
Packaging Specification	20kg/bag/case; 1200kg/pallet, 1300kg/pallet
Application Scenarios	Bridge girder yard, expansion joint connection, concrete prefabricated parts
Project Cases	Heze Energy storage factory, SDS factory
Product Features	<ol style="list-style-type: none"><li>1. Water-soluble adhesive technology, rapid dispersion within 30 seconds of stirring, no agglomeration;</li><li>2. Dual-end hook structure enhances anchoring strength and energy absorption;</li><li>3. Forms a three-dimensional reinforcement network in concrete, significantly improving crack resistance, impact resistance, and fatigue resistance;</li><li>4. Easy application with direct feeding or pumping, suitable for large-area pouring</li></ol>
Technical and Engineering Support	<ol style="list-style-type: none"><li>1. Professional project specification formulation;</li><li>2. fiber type &amp; dosage optimization;</li><li>3. concrete mix design improvement;</li><li>4. performance test supervision;</li><li>5. on-site construction guidance;</li><li>6. dosing equipment installation &amp; debugging;</li><li>7. one-stop technical support from planning to completion</li></ol>
Safety and Storage	<ol style="list-style-type: none"><li>1. Wear head, eye protection and gloves during operation;</li><li>2. Store in a dry and ventilated place;</li><li>3. Avoid heavy stacking;</li><li>4. Prevent moisture and corrosion</li></ol>