

Bullhide Steel Fiber® 40/30							
SingleHook	C	H	O	40	30	N	B
Made of high tensile wire	collated	Hooked-ends	Ordinary	Aspect ratio	length	Normal carbon	Bright

Description

C Collated

Fibers are glued together to ensure as homogenous mix and to avoid balling.

H Hooked-ends

Fibers designed to anchor on aggregate and in paste, and to elongate and pull out rather than break.

O Ordinary

The hooks are well designed for good performance.

55 Aspect ratio

Aspect ratio means ratio of length to diameter of the fiber. Higher aspect ratios mean better performance.

30 Length of steel fiber

Length of fiber should be min 2 times of maximum aggregate size.

N Normal carbon wire

Quality meets KS D 3552 SWM-B

JIS G 3552 SWM-B

Tensile strength for wire

; min 12,000kg/cm² (1,200N/mm²)

- test method ; KS B 0802

B Bright

Bright steel is normal mild steel fibers for typical concrete from 22-30 MPa

How to dose

- Manually adding to RM truck
- Automatic dosing machine

How to input

- By hand or using conveyor belt

Truckmixer

Run mixer at drum speed: 12-18 rpm.

Adjust slump to a minimum of 12 cm using mid range water reducing admixtures.

Add fibers at maximum speed of mixer at the rate of 60kg/cubic meter.

Unopened degradable bags can be added to the mix truck at 12 rpm or above.

After adding fibers continue mixing at highest speed for 4-5 minutes (about 70-75 rotations).

Fibers should be kept dry at jobsite. Protect pallets against rain. Pallets should not be stacked.

Application

- Shotcrete reinforcement
- Precast reinforcement



Quality

- ISO 9001, ISO14001 registered,
- Confirms to ASTM A820

Fiber quantity & Length

Approximately 9,500 fibers/kg
or 4,000 fibers/lb



Packing

- 20kg bags (48 bags/pallet)
- 1 MT bag (1000 kg)

Bullhide Fibers & Shotcrete Supply

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