BUNDREX®

EVERYWHERE IN YOUR LIFE!

PRODUCT CODE

*** CE MODEL NAME : Bundrex KF 65/35 M**

BUNDREX | 65/35 CH

BUNDREX — Aspect Ratio(L/D) — Length(mm) — Collated — Hooked

DESCRIPTION

BUNDREX 65/35CH steel fibers are high quality structural steel fibers designed for reinforcement in shotcrete spraying. They are used successfully to replace the electro welded mesh in the reinforcement of tunnels, with an excellent performance proven with laboratory tests according to EN14651 and ASTM1609 standards.

BUNDREX 65/35CH steel fibers increase concrete toughness, impact resistance and fatigue resistance, with the benefit of greater control of cracks compared to alternative reinforcements.

FEATURES / BENEFITS

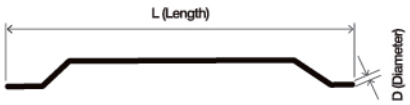
- Increases fatigue resistance, flexural toughness, shear force, flexibility, percussion resistance and fracture resistance of concrete
- Increases resistance to drying shrinkage.
- Increases abrasion durability, erosion resistance and corrosion resistance.
- Reduces section thickness of concrete by enhancing physical properties of the concrete.
- Reinforces physical cohesion of concrete by even dispersion of steel fiber.
- Improves constructability, cost-effectiveness and safety by not installing wire mesh.
- Minimizes maintenance and repair expense
- Offers three-dimensional reinforcement effect within concrete

APPLICATION

BUNDREX 65/35CH is a cold-drawn collated monofilament steel fiber with hooked ends for optimal anchorage.

It provides best solution for
- Sprayed Concrete
- Precast

GEOMETRY



Dimensions & Appearance

▪ Length (l)	35.0 mm
▪ Diameter (d)	0.55 mm
▪ Aspect Ratio (l/d)	65
▪ Tensile strength(Mpa)	1,100

PACKAGING

Stuffing
(Standard Export Packing)

- 20kg paper bag x 50 units or 1,000kg PP bag on a pallet
- 20 Pallets in a 20 ft dry container in two layers

CERTIFICATES

CE No.1020-CPR-010037679 · ISO 9001 · ISO 14001 · ASTM INTERNATIONAL

STORAGE

DIRECTIONS FOR USE

- It is recommended to add the steel fiber on the aggregate conveyor belt in the concrete batch plant, for a correct distribution throughout the concrete mix.
- The dosage is between the ranges of 15kg/m^3 up to 40kg/m^3. Validation tests must be carried out to verify the toughness results obtained with the mix design and dosage per m^3 of concrete. It should be considered that the toughness results are related to the strength of the concrete and the dosage of steel fiber.
- It is necessary to carry out preliminary tests to determine the optimal dosage of additive and fiber to use, depending on the concrete placement and use.

FOR MORE INFORMATION

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