

Royal 1600 Deformed end steel fiber

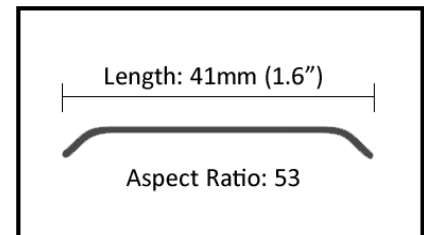
Aspect Ratio: 53

Description

Royal steel fibers are manufactured from low carbon, drawn steel wire and designed to enhance concrete performance such as average residual strength, toughness, impact resistance and fatigue endurance. Royal also uses a modified hook end designed to specifically reduce or eliminate fiber balling and clumping while insuring the best possible distribution and anchoring within the concrete matrix.

Dimensions

- Length: 41mm (1.6")
- Aspect Ratio: 53
- Quantity of fibers: +/- 5,319 pieces / kg (2,415 pieces / lb.)



Applications

Royal™ fibers are used as primary or secondary reinforcement in cast-in-place concrete, precast concrete, and wet or dry mix shotcrete applications.

Physical Wire Properties

- Tensile Strength: 160,000+ psi (1,103 MPa)
- Specific Gravity: 7.8
- Modulus of Elasticity: 30,000,000 psi (206 700 MPa)

Packaging

50 lb. Boxes / 36 Boxes on a pallet / 1800 lbs. on a pallet Bulk Gaylord bags available

Reference Standards

- ASTM C 1116 Standard Specification for Fiber-Reinforced Concrete and Shotcrete
- ASTM A 820 Specification for Steel Fibers for Fiber-Reinforced Concrete (Type 1 for Cold Drawn Wire)
- ASTM C 39/C 39M Test Method for Compressive Strength of Cylindrical Concrete Specimens
- ASTM C 1399 Test Method for Obtaining Average Residual Strength of Fiber-Reinforced Concrete
- ASTM C 1609 Standard Test Method for Flexural Performance of Fiber-Reinforced Concrete

For more information or samples please contact CoMar Enterprises Ltd.
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Warranty; Limited Remedy; Limited Liability

This product will be free from defects in material and manufacture for a period of one year from the date of purchase. ROYAL MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. If this product is defective within the warranty period stated above, your exclusive remedy shall be, at Royal's option, to replace or repair the Royal product or refund the purchase price of the Royal product. Except where prohibited by law, Royal will not be liable for any loss or damage arising from this Royal product, whether direct, indirect, special, incidental or consequential regardless of the legal theory asserted.

