

TECHNICAL DATA SHEET



RFD400

**18MM FIBER FOR GFRC BACKER, DIRECT CAST,
AND SCC APPLICATIONS**

**40 GROSSETT DRIVE, SUITE 200, KIRKWOOD, NY 13795
1 (800) 475-1975 • (607) 775-1948 • WWW.TRINIC.US • @TRINICLLC**   

DESCRIPTION

Our search for a quality structural fiber that would not show in the surface led us straight to the manufacturer of PVA (Poly Vinyl Alcohol) fiber. Trinic is importing fiber direct from Kuraray Japan.

RECS15, RECS100, RFD400 and RF4000 Create a covalent bond to the concrete creating an internal reinforcing that supersedes traditional methods. Added benefits include higher flexural strength, more impact resistance and greater resistance to both map cracking and plastic shrinkage.

RFD400: 18mm fiber for GFRC backer, direct cast, and SCC applications. Good dispersion, great flowability at high dose. Used alone or in conjunction with other fibers.

BENEFITS OF USE

- Reduces map cracking, plastic shrinkage cracks
- Nearly invisible in the surface
- Increases flexural and impact strength
- Adds abrasion resistance
- Chemically bonds to the concrete
- Doesn't adversely affect finish-ability

SPECIFICATIONS

(1) DIAMETER (dtex)	400±70
(2) LENGTH (mm)	18.0±2.0
(3) TENSILE STRENGTH (cN/dtex) (CONVERSION: MPa)	7.5±1.4 975±185
(4) ELONGATION (%)	9.0±3.0
(5) COLOR	White
(6) ALKALI RESISTANCE	Excellent
(7) CORROSION RESISTANCE	Excellent

DOSAGE & MIXING

Normal dosage is 0.5-2 % of the total dry weight of the mix. Additional amounts can be added for more strength but doses of 4% or more will effect the flow of the mix.

It is best to mix your batch thoroughly first then add the fibers while mixing again completely integrating the fiber in the mix. Caution do not over mix. Over mixing can cause the fibers to over disperse and make the mix very tight.

STORAGE & HANDLING

Store in a dry location

SPECIFICATIONS

- 15kg bags
- 21 bags/ pallet