



Aspect ratio

Length

Bright

Loose

## DATASHEET

### Characteristics

#### Material properties

Nom. tensile strength:	178 ksi (1,225 MPa)
Young's modulus:	29,000 ksi (200,000 MPa)
Strain at ultimate strength:	0.8 %

#### Geometry

Fiber family	<b>3D</b>	
Length (l)	2.4 in. (60 mm)	
Diameter (d)	0.03 in. (0.75 mm)	
Aspect ratio (l/d)	80	

#### Minimum EN 14889-1 dosage

17 lb/yd<sup>3</sup> (10 kg/m<sup>3</sup>)

#### Fiber network

7,221 ft/yd<sup>3</sup> at 17 lb/yd<sup>3</sup> (2,879 m/m<sup>3</sup> at 10 kg/m<sup>3</sup>)  
2,127 fibers/lb (4,690 fibers/kg)

#### Dramix® family

3D Typical SFRC applications  
4D Supreme serviceability control  
5D Advanced structural applications

	5D	4D	3D
Tensile strength			
Wire ductility			
Anchorage strength			

### Product certificates \*



\* Product certificates are plant specific.

### Product conformity

Dramix® conforms to ASTM A820, EN 14889-1 and ISO 13270 Class A.

### System certificates



All Dramix® plants are ISO 9001 and ISO 14001 certified.

### Packaging



**BAGS**  
44 lb  
(20 kg)



**BIG BAG**  
1,760 -2,420 lb  
(800 - 1,100 kg)

### Handling



### DRAMIX® 3D 80/60BL

#### The original anchorage

Dramix® 3D is the cost-efficient fiber for standard statically indeterminate concrete structures that are submitted to regular static, fatigue and dynamic loadings.

#### Bekaert construction support

You can count on our support for each step of your project, from concept design to on-site quality support. Our services include recommendations on slab design, construction detailing, concrete optimization and automatic total quality control procedures. We are also happy to share our knowledge with you and your team.

Feel free to ask us for a workshop or training on the topic of steel fiber reinforcement in your offices.

For recommendations on handling, dosing and mixing visit [www.bekaert.com/dosingdramix](http://www.bekaert.com/dosingdramix). Any other specific document or certificate can be found on [www.bekaert.com/dramix/downloads](http://www.bekaert.com/dramix/downloads).