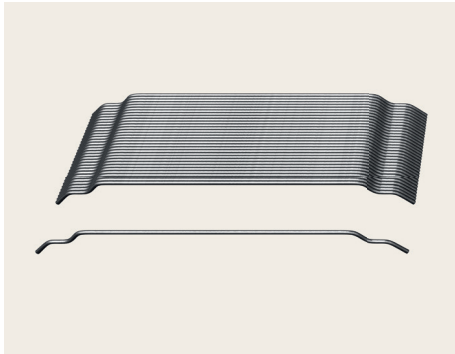


# Dramix® 4D

# 90/50BG

Aspect ratio      Length      Bright      Glued

## Concrete Reinforcement



### Optimized anchorage

Dramix® 4D provides optimal crack control for standard statically indeterminate concrete structures that are subjected to regular static, fatigue and dynamic loadings with high serviceability requirements.

### Glue technology for three-dimensional reinforcement

Dramix® steel fibers are bundled with water-soluble glue. The glue helps to avoid fiber balling during mixing and ensures a homogeneous distribution of fibers throughout the concrete mix.

### Material properties

Nom. tensile strength:  
**268 ksi (1,850 MPa)**  
 Young's modulus:  
**30,458 ksi (210,000 MPa)**  
 Strain at ultimate strength:  
**0.8 %**

### Fiber network

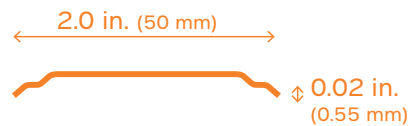
**4,540 fibers/lb (10,009 fibers/kg)**

### Geometry

Fiber family



Length (l) \* / Equivalent Diameter (d)

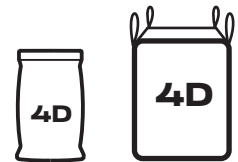


Aspect ratio (l/d) \* : **90**

\* Indicative value

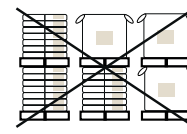
### Packaging

BAGS:  
**44 lb (20 kg)**



BIG BAG:  
**2,425 - 2,645 lb (1,100 - 1,200 kg)**

### Handling



**NO STACKING**



**KEEP DRY**

### Product certificates\*



### System certificates\*

Dramix® plants are ISO 9001 and ISO 14001 certified.



### Product conformity

Dramix conforms to:  
 ASTM A820 type I, EN 14889-1, ISO 13270 class A  
 Intended for use in concrete complying with ASTM C1116, Section 4.1.1

### Contact us:

For inquiries and orders on <https://construction.bekaert.com/contact-us>



For recommendations on stacking, handling, dosing and mixing, visit <https://construction.bekaert.com/dosing>

Any other specific document or certificate can be found on <https://construction.bekaert.com/resources>

\* Product and system certificates are plant specific.