

# Dramix® 4D

# 90/50BG

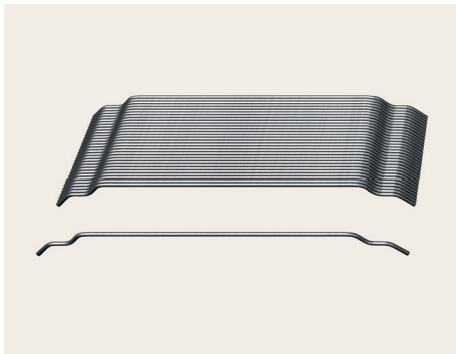
Aspect ratio

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 fibres are bundled with water-soluble glue. The glue helps to avoid fibre balling during mixing and ensures a homogeneous distribution of fibres throughout the concrete mix.

### Material properties

Nom. tensile strength:  
1.850 (N/mm<sup>2</sup>)  
Young's modulus:  
210.000 (N/mm<sup>2</sup>)  
Strain at ultimate strength:  
0,8 %

### Minimum EN 14889-1 dosage

10 kg/m<sup>3</sup>

### Fibre network

5.355 m/m<sup>3</sup> at 10 kg/m<sup>3</sup>  
10.009 fibres/kg

### Geometry

fibre family



Length (l) \* / Diameter (d)



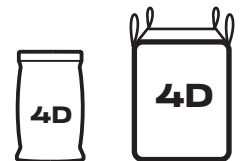
Aspect ratio (l/d): 90

\* Indicative value

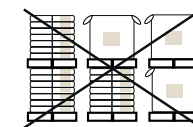
### Packaging

BAGS:  
20 kg

BIG BAG:  
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, EN 14889-1 and ISO 13270 Class A.

### Contact us:

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



For recommendations on stacking, handling, dosing and mixing, visit [www.bekaert.com/dosingfibers](http://www.bekaert.com/dosingfibers)

Any other specific document or certificate can be found on [www.construction.bekaert.com/resources](http://www.construction.bekaert.com/resources)

\* Product and system certificates are plant specific.