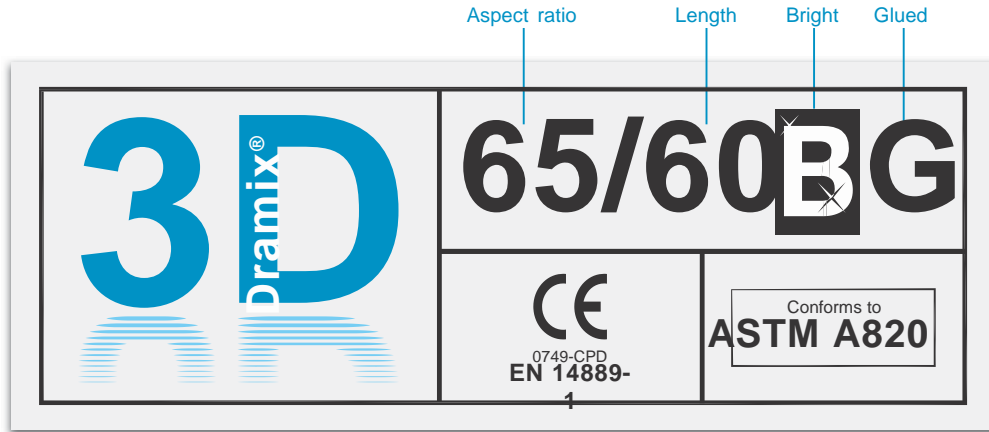


Data Sheet



DRAMIX® 3D



Dramix® 3D is the reference in steel fibre reinforcement. Combining high performance, durability and ease-of-use, 3D provides you with a time-saving and cost-efficient solution for most common applications.

- > original anchorage
- > standard tensile strength

Dramix® 3D is a cost efficient solution for

- > looring
- > tunnel applications
- > precast
- > residential applications

Bekaert supplies all of the support you need for your project. We help you determine the most suitable fibre types, calculate optimal dosages, select the right concrete quality. Contact your local support.

Go to www.bekaert.com/dosingdramix for our recommendations on handling, dosing and mixing.

Modifications reserved.
All details describe our products in general form only. For detailed information, product specifications available on request.

PERFORMANCE

Material properties

Tensile strength: $R_{m, nom}$: 1.160 N/mm²
Tolerances: ± 7,5% Avg
Young's Modulus: ± 210.000 N/mm²

Geometry

Fibre family 3D

Length (l) 60 mm

Diameter (d) 0,90 mm

Aspect ratio (l/d) 65

Fibre network

3,0 km per m³ (for 15 kg/m³)
3.183 fibres/kg
Minimum dosage:
15 kg per m³ (according to CE)

Dramix® range

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

PRODUCT CERTIFICATES



Dramix® is certified for structural use according to EN 14889-1 (system '1'). Detailed information is available on request.

SYSTEM CERTIFICATES



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

PACKAGING



BAGS 20 kg

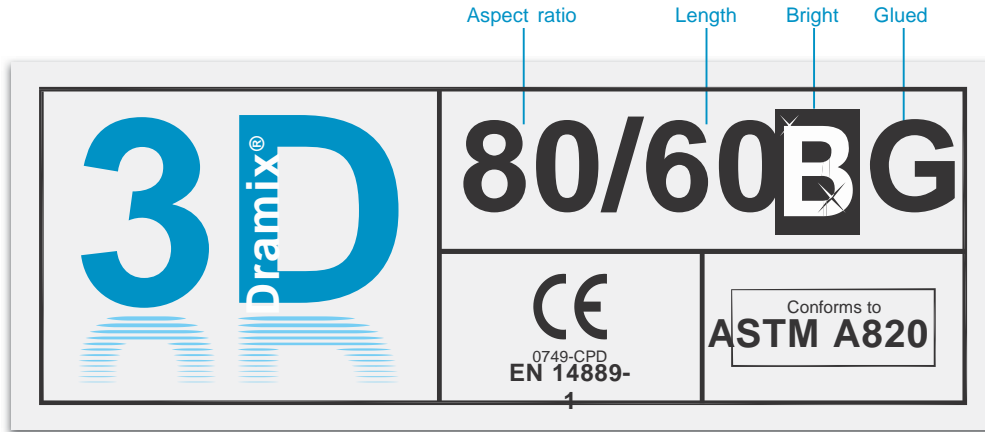


BIG BAG 1100 kg

STORAGE



Data Sheet



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PERFORMANCE

Material properties

Tensile strength: $R_{m,nom}$: 1.225 N/mm²
Tolerances: ± 7,5% Avg
Young's Modulus: ± 210.000 N/mm²

Geometry

Fibre family	3D	
Length (l)	60 mm	
Diameter (d)	0,75 mm	
Aspect ratio (l/d)	80	

Fibre network

2,9 km per m³ (for 10 kg/m³)
4.584 fibres/kg
Minimum dosage:
10 kg per m³ (according to CE)

Dramix® range

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

PRODUCT CERTIFICATES



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SYSTEM CERTIFICATES



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

PACKAGING



BAGS 20 kg

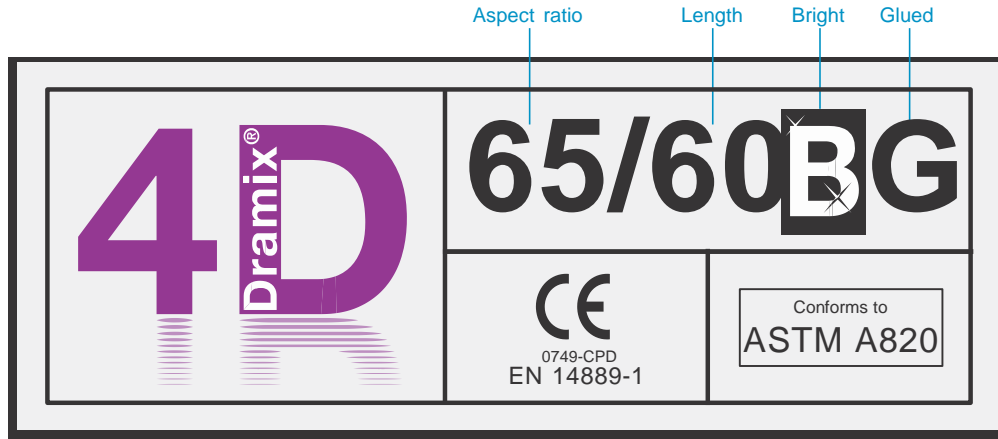


BIG BAG 1100 kg

STORAGE



Data Sheet



DRAMIX® 4D



The Dramix® 4D series is designed with optimal serviceability in mind. Tensile strength and anchorage are engineered specifically to affect cracks between 0,1 and 0,3 mm, enabling you to create durable and liquid-tight structures. The 4D series is also a perfect solution for combined reinforcement.

- > optimised anchorage, glued fibre
- > high tensile strength

Dramix® 4D is a cost efficient solution for SLS applications

- > seamless floors
- > combislab (Dramix® 4D + mesh)
- > underwater concrete
- > motorways

Bekaert supplies all of the support you need for your project. We help you determine the most suitable fibre types, calculate optimal dosages, select the right concrete quality.

Contact your local support.

Go to www.bekaert.com/dosingdramix for our recommendations on handling, dosing and mixing.

PERFORMANCE

Material properties

Tensile strength: $R_{m, nom}$: 1.500 N/mm²
Tolerances: ± 7,5% Avg

Young's Modulus: ± 210.000 N/mm²

Geometry

Fibre family	4D	
Length (l)	60 mm	
Diameter (d)	0,90 mm	
Aspect ratio (l/d)	65	

Fibre network

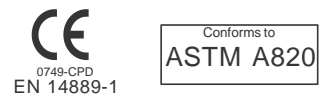
2,9 km per m³ (for 15 kg/m³)
3.200 fibres/kg

Minimum dosage:
15 kg per m³ (according to CE)

Dramix® range

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

PRODUCT CERTIFICATES



Dramix® is certified for structural use according to EN 14889-1 (system '1'). Detailed information is available on request.

SYSTEM CERTIFICATES



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

PACKAGING



BAGS 20kg

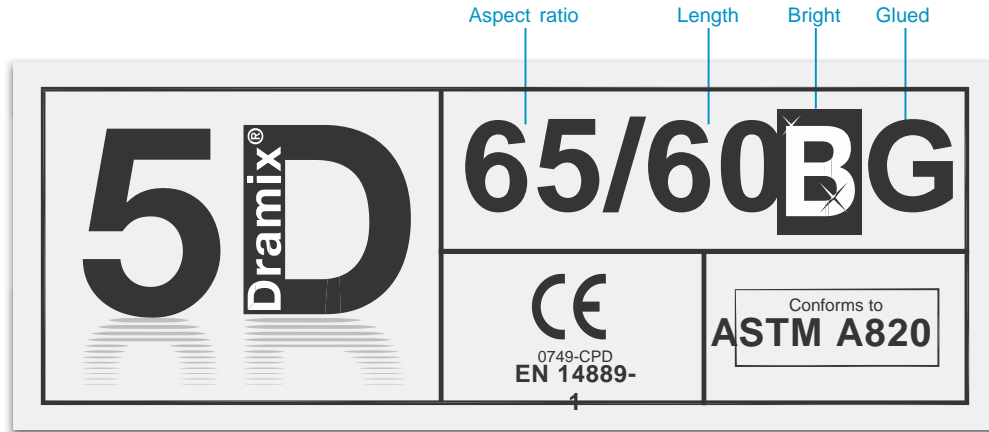
BIG BAG 1100 kg

STORAGE



Modifications reserved.
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Data Sheet



DRAMIX® 5D



The Dramix® 5D series provides you with the ultimate in performance, thanks to a unique combination of a perfectly shaped hook, a high ductility wire, and extreme tensile strength.

- > ultimate anchorage
- > high L/D ratio, glued fibre
- > ultra high tensile strength
- > high ductility wire

Dramix® 5D is a cost efficient solution for high end ULS structural applications

- > foundation slabs structural rafts
- > rafts
- > suspended structures
- > structural precast elements
- > structural floors (e.g. floors on piles)

Bekaert supplies all of the support you need for your project. We help you determine the most suitable fibre types, calculate optimal dosages, select the right concrete quality. Contact your local support.

Go to www.bekaert.com/dosingdramix for our recommendations on handling, dosing and mixing.

Modifications reserved.
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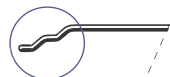
PERFORMANCE

Material properties

Tensile strength: $R_{m,nom}$: 2.300 N/mm²
Tolerances: $\pm 7,5\%$ Avg
Young's Modulus: ± 210.000 N/mm²
Wire ductility: Ag+e = 6%

Geometry

Fibre family 5D



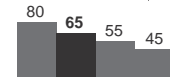
Length (l) 60 mm



Diameter (d) 0,90 mm



Aspect ratio (l/d) 65



Fibre network

2,9 km per m³ (for 15 kg/m³)
3.200 fibres/kg
Minimum dosage:
15 kg per m³ (according to CE)

Dramix® range



Tensile strength			
Wire ductility			
Anchorage strength			

PRODUCT CERTIFICATES



Dramix® is certified for structural use according to EN 14889-1 (system '1'). Detailed information is available on request.

SYSTEM CERTIFICATES



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

PACKAGING



BAGS 20kg



BIG BAG 1100 kg

STORAGE

