



Aspect ratio

Length

Bright

Glued

DATASHEET

DRAMIX® 5D 65/60BG



Dramix® 5D series provides an outstanding strength and serviceability performance even in most advanced applications. The engineered design of Dramix® 5D series entails a proprietary formulation of ultra-high-strength, high-ductility wire and unique geometry resulting in rebar-like structural response. Providing flexural hardening response at modest dosages, Dramix® 5D series exhibits:

- Perfect anchorage
- Ultra-high tensile strength
- High-ductility wire

Dramix® 5D series is an effective and economical form of reinforcement for a wide range of structural applications, including:

- Foundation systems (rafts, pile caps, grade beams, shallow foundations)
- Structural precast elements
- Structural slabs and other members
- Pile-supported slabs
- Seismic force resisting systems

Fibres are glued for homogeneous distribution and easy mix.

Bekaert offers extensive technical assistance in helping to determine the most suitable fibre type, optimal dosage and the appropriate concrete mix for a wide range of applications. For further information, contact your local support.

For recommendations on handling, dosing and mixing visit

www.bekaert.com/dosingdramix.

For EC Declaration of Performance visit

www.bekaert.com/doc/Dramix_5D.

CHARACTERISTICS

Material properties

Nom. tensile strength: 2.300 N/mm²

Young's modulus: 200.000 N/mm²

Strain at ultimate strength: 6,0 %

Geometry

Fibre family **5D**

Length (l) 60 mm

Diameter (d) 0,9 mm

Aspect ratio (l/d) 65

Minimum EN 14889-1 dosage

15 kg/m³

Fibre network

2.999 m/m³ at 15 kg/m³

3.124 fibres/kg

Dramix® family

3D Typical FRC 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, ISO 13270 Class A and EN 14889-1.

SYSTEM CERTIFICATES



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

PACKAGING



BAGS
10 - 20 kg



BIG BAG
800 - 1.100 kg

HANDLING

