



**DATASHEET**

**DRAMIX® 3D 80/60BG**



Dramix® 3D fibre series is the reference in steel fibre concrete reinforcement. Combining high performance, durability and ease of use. Dramix® 3D series is a time-saving and economical solution for most common applications. Dramix® 3D series exhibits:

- Effective anchorage
  - High tensile strength
- Dramix® 3D series provides a cost effective solution for:
- Jointed and jointless slabs on ground
  - Composite slab reinforcement
  - Precast
  - Residential applications
  - Tunnel applications

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](http://www.bekaert.com/dosingdramix). For EC Declaration of Performance visit [www.bekaert.com/doc/Dramix\\_3D](http://www.bekaert.com/doc/Dramix_3D).

**CHARACTERISTICS**

**Material properties**

- Nom. tensile strength: 1.225 N/mm<sup>2</sup>
- Young's modulus: 200.000 N/mm<sup>2</sup>
- Strain at ultimate strength: 0,8 %

**Geometry**

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

**Minimum EN 14889-1 dosage**

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

**Fibre network**

- 2.879 m/m<sup>3</sup> at 10 kg/m<sup>3</sup>
- 4.690 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**  
20 kg

**BIG BAG**  
800 - 1.100 kg

**HANDLING**

