

Aspect ratio

Length

Bright

Loose

**DATASHEET**

**DRAMIX® 3D 45/35BL**



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

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>

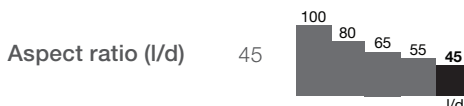
Strain at ultimate strength: 0,8 %

**Geometry**

Fibre family **3D**

Length (l) 35 mm

Diameter (d) 0,75 mm



**Minimum EN 14889-1 dosage**

30 kg/m<sup>3</sup>

**Fibre network**

8.639 m/m<sup>3</sup> at 30 kg/m<sup>3</sup>  
7.911 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**

