

DATASHEET

DRAMIX® 4D 65/60BG



The Dramix® 4D series was designed with optimal serviceability and performance in mind. Its extra-high tensile strength and special 4D® anchorage are engineered specifically to be used in high strength concrete classes up to C70. High strength concrete + extra-high tensile wire + small diameter + optimized 4D® hook gives exceptional post crack behavior. Dramix® 4D series is the cost effective solution for:

- Segmental tunnel lining
- Joint-free seamless floors
- Combislabs merging the benefits of fiber and conventional reinforcement
- Pavements
- Marine structures
- Systems with moderate-to-high structural requirements
- Floors in biologically and chemically isolated environments
- Secondary reinforcement in segmental tunnel linings
- Precast structures - others

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_4D.

CHARACTERISTICS

Material properties

Nom. tensile strength: 1.600 N/mm²

Young's modulus: 200.000 N/mm²

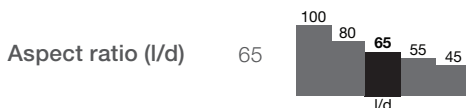
Strain at ultimate strength: 0,8 %

Geometry

Fibre family **4D**

Length (l) 60 mm

Diameter (d) 0,9 mm



Minimum EN 14889-1 dosage

15 kg/m³

Fibre network

2.999 m/m³ at 15 kg/m³

3.149 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

