



4D
Dramix®

80 / 60

BGE

Aspect ratio
Length
Bright
Glued
Extra anchorage

DATASHEET

Characteristics

Material properties

Nom. tensile strength: 1.800 (N/mm²)
 Young's modulus: 200.000 (N/mm²)
 Strain at ultimate strength: 0,8 %

Geometry

fibres family **4D**

Length (l) 60 mm

Diameter (d) 0,75 mm

Aspect ratio (l/d) 80

Minimum EN 14889-1 dosage

10 kg/m³

Fibre network

2.879 m/m³ at 10 kg/m³
 4.644 fibres/kg

Dramix® family

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

System certificates



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

Packaging



Handling



DRAMIX® 4D 80/60BGE

Optimized anchorage

Dramix® 4D provides optimal crack control for standard statically indeterminate concrete structures that are subjected to regular static, fatigue and dynamic loadings with high serviceability requirements.

Glue technology for three-dimensional reinforcement

Dramix® steel fibres are bundled with water-soluble glue. The glue helps avoid fibre balling during mixing and ensures a homogeneous distribution of fibres throughout the concrete mix.

The high performant anchorage

Dramix® 4D Extra is a high performant fibre with an optimized 4D hook to create optimal anchorage in normal strength concrete.

Bekaert construction support

You can count on our support for each step of your project, from concept design to on-site quality support. Our services include recommendations on slab design, construction detailing, concrete optimization and automatic total quality control procedures.

For recommendations on handling, dosing and mixing visit www.bekaert.com/dosingdramix. Any other specific document or certificate can be found on www.bekaert.com/dramix/downloads.