



Declaration of Performance

Balys

- 1 Unique identification code of the product-type
- 2 Type, batch or serial number or any other element allowing identification of the construction product
- 3 Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer
- 4 Name, registered trade name or registered trade mark and contact address of the certificate holder
- 5 Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified
- 6 System or systems of assessment and verification of constancy of performance of the construction product
- 7
 - the initial inspection of the manufacturing plant and of factory production control, and
 - continuous surveillance, assessment and evaluation of factory production control,
- 8 Declared performance

Woven

Balys

Balys BK500

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System

issued the certificate of conformity of the factory production control.

Harmonized Technical Specifications

- Characteristics required for use in the construction of roads and other trafficked areas
- Characteristics required for use in the construction of railways.
- Characteristics required for use in earthworks, foundations and retaining structures.
- Characteristics required for use in erosion control works (coastal protection, bank revetments).
- Characteristics required for the use in the construction of reservoirs and dams.
- Characteristics required for use in the construction of canals.
- Characteristics required for use in solid waste disposals.
- Characteristics required for use in liquid waste containment projects.

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9 Essential Characteristics

Characteristics	Unit	Performance
Tensile Strength (EN ISO 10319)	kN/m	MD : 15,00 (-2 kN/m)
Elongation (EN ISO 10319)	%	CMD : 25,0 % (± 6 %)
Dynamic Perforation Resistance (EN ISO 13433)	mm	15 (+3 mm)
Resistance to Static Puncture (EN ISO 12236)	kN	2,50 (-0,50 kN)
Characteristic Opening Size (EN ISO 12956)	μm	500 (± 90 μm)
Water Permeability (EN ISO 11058)	m/s	$25 \cdot 10^{-3}$ ($-5 \cdot 10^{-3}$ m/s)
Durability (EN ISO 13438)	-	To be covered within 1 month after installation. Predicted to be durable for a minimum of 100 years in natural soils with pH between 5 and 10 and soil temperatures lower than 30°C.

Functions

Filtration	Ok
Reinforcement	Ok
Separation	Ok
Drainage	Ok
Protection	Ok

- 10 The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.
This declaration of performance is issued under the sole responsibility of the certificate holder identified in point 4.

Signed for and on behalf of the certificate holder by
GENERAL MANAGER


