BETAFENCE

DECLARATION OF PERFORMANCE (DoP)

DoP BETA-120

BETA-120

1.- Identification product:	BETA-120
2.- Batch number:	YY-00000 (serial number marked on each pallet)
3.- Intended use:	Civil engineering, hydro-engineering, architectural applications as retaining walls, free standing walls, sound barriers, erosion control, cladding, etc. Both in regard to design and installation, the use of gabions is subject to the standards and regulations in force at place of use.
4.- Name / contact address of the manufacturer:	**Betafence Limited** PO Box 119 Shepcote Lane S9 1TY Sheffield United Kingdom
5.- Name / contact address of the Authorised Representatitive:	Andy Fields same address as above
6.- System of Assessment:	System 2+
7.- Harmonised standard:	-
8.- Technical Assessment Body:	TZUS - Technical and Test Institute for Construction Prosecka 811/76a CZ - 19000 Praha 9
with identification number:	1020
European Technical Approval issued:	ETA-13/0095
on the basis of the European Assessment Document:	CUAP 01.02/05
Assessment and verification based on System 2+:	Initial inspection of the manufacturing plant and of factory production control Continuous surveillance, assessment and evaluation of factory production control
Certificate of conformity of the Factory Production Control:	1020-CPD-060037359

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	Essential characteristics	Performance	Standard
9.- Declared performance:	Chemical composition of low carbon steel	ISO 16120-2 Type C9D or equivalent C ≤ 0.10% / Si ≤ 0.30% / Mn 0.30-0.60% / P < 0.035% / S < 0.035% / Cu < 0.30%	ETA-13/0095
	Chemical composition stainless steel (when applied):	Class 1.4301 or 1.4306 or 1.4307	ETA-13/0095
	Thickness metallic coating (Zinc or Zincalu®)	Class A according to EN 10244-2	ETA-13/0095
	Thickness PVC coating (when applied)	Min. 0.20mm conform 10245-1/-2	ETA-13/0095
	Wire diameters	Tolerances conform EN 10218-2	ETA-13/0095
	Tensile strength low carbon steel wires	500-850 N/mm² measured conform EN 10218-8	ETA-13/0095
	Tensile strength stainless steel wires	650-1000 N/mm² measured conform EN 10218-8	ETA-13/0095
	Average weld shear strength panels	Min. 75% of the min required breaking strength of the wire conform ASTM A974-97 and EN 10233-8	ETA-13/0095
	Mesh sizes	Tolerances ±3% conform ASTM A974-97	ETA-13/0095
	Harmful or dangerous substances as listed in Council Directive 67/548/EEC	Absent	ETA-13/0095
	Assumed working life depends on the corrosivity category and is subject to appropriate design of wall, installation, use, periodic inspection, with repair and maintenance as needed.		
10.- Signed for and on behalf of the manufacturer:			
Name:	Chris Morris		
Function:	Plant Manager		
Place:	Sheffield		
Date of issue:	9 April 2014		
Signature:			