



DECLARATION OF PERFORMANCE No. ZN-6022-5000-2000-0230-D4 in accordance with Annex III to Regulation (EU) No 305/2011

1. Product: **Gabions made of woven hexagonal wire mesh coated with zinc**
2. Type: **EK 5,0 x 2,0 x 0,23 +D4 / 60 / 2,2 / ZN**
3. Intended uses: **Earth retention, soil reinforcement, river training, erosion control and architectural purposes**
4. Manufacturer: **GABION CENTER s.r.o.**
Štverník 662, 906 13 Brezová pod Bradlom, Slovak Republic
5. System of AVCP: **2+**
6. European Assessment Document: **EAD 200039-00-0102**
- European Technical Assessment: **ETA-17/0110 – version 01 of 28/07/2017**
- Technical Assessment Body: **Technický a skúšobný ústav stavebný, n.o.**
Studená 3, 821 04 Bratislava, Slovak Republic
- Notified body: **1301**

7. Declared performance/s:

<i>Essential characteristic</i>	<i>Unit</i>	<i>Performance</i>
Length	mm	5000
Width	mm	2000
Height	mm	230
Number of diaphragms	-	4
Mesh size	mm	60
Mesh wire diameter	mm	2,2
Selvedge wire diameter	mm	2,7
Wire tensile strength	MPa	350-550
Elongation	%	≥ 8
Non-ferrous metallic coating type	-	ZN
Min. thickness of non-ferrous metallic coating (mesh wire / selvedge wire)	g/m ²	230 / 245
Tensile resistance of mesh	kN/m	45 ± 5
C-ring resistance to opening	kN	≥ 2

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Brezová pod Bradlom, 25.3.2019

