

# Rhyno GW609

## Declaration of Performance



0338 - CPR - 0825

1. Product Name:

Unique identification code of the product-type:

**GW609**

2. Product Type:

Number allowing identification of the construction product as required under Article 11(4) of the CPR:

**Woven Polypropylene Fabric (Tape x Tape)**

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

**for roads and other trafficked areas (F+S+R)  
for construction of railways (F+S+R)  
for earthworks, foundations and retaining structures (F+S+R)  
for erosion control works (F+S+R)  
for drainage systems (F+S)  
for construction of reservoirs and dams (F+S+R)  
for construction of canals (F+S+R)  
for solid waste disposal (F+S+R)  
for liquid waste disposal (F+R)**

Intended functions: **Separation (S), Filtration (F), Retention (R)**

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

**Geosynthetics Limited  
Fleming Road, Harrowbrook Industrial Estate  
Hinckley, Leicestershire, LE10 3DU  
United Kingdom  
Tel +44 (0) 1455 617139  
Fax +44 (0) 1455 617140  
sales@geosyn.co.uk**

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

**Geosynthetics Limited  
Fleming Road, Harrowbrook Industrial Estate  
Hinckley, Leicestershire, LE10 3DU  
United Kingdom  
Tel +44 (0) 1455 617139  
Fax +44 (0) 1455 617140  
sales@geosyn.co.uk**

6. AVCP:

System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in CPR, Annex V:

**System 2+**

7. Notified body:

In case of the declaration of performance (DoP) concerning a construction product covered by the harmonized standards:

**EN 13249:2016, EN 13250:2016, EN 13251:2016, EN 13252:2016, EN 13253:2016, EN 13254:2016, EN 13255:2016,  
EN 13257:2016, EN 13265:2016**

**Notified factory production control certification body No. 338, BTG has performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control.**



**Geosynthetics**

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### 8. Declared performance:

Essential characteristics	Performance		Test standard	Harmonised technical specifications
	Mean value	Tolerance		
Tensile Strength $T_{max}$ - MD	16 kN/m	+/- 2 kN/m	EN ISO 10319	EN 13249:2016; EN 13250:2016; EN 13251:2016; EN 13252:2016; EN 13253:2016; EN 13254:2016; EN 13255:2016; EN 13257:2016; EN 13265:2016;
Tensile Strength $T_{max}$ - CMD	11 kN/m	+/- 2 kN/m	EN ISO 10319	
Elongation $\epsilon_{max}$ - MD	20%	+/- 5%	EN ISO 10319	
Elongation $\epsilon_{max}$ - CMD	19%	+/- 5%	EN ISO 10319	
Cone drop penetration $D_c$	18 mm	+ 3mm	EN ISO 13433	
Static Puncture Resistance, $F_p$	1500 N	-125 N	EN ISO 12236	
Characteristic opening size $O_{90}$	250 $\mu$ m	+/- 75 $\mu$ m	EN ISO 12956	
Water flow rate $q_N$	15 l/(m <sup>2</sup> s)	+/- 3 l/(m <sup>2</sup> s)	EN ISO 11058	
Weathering resistance (50 MJ/m <sup>2</sup> )	Can be exposed up to 1 month after unpacking		EN 12224	
Oxidation resistance	Durable in natural soil with 4<pH<9 and soil temperature <25°C for a minimum of 25 years' service life		EN ISO 13438	
Dangerous substances	Less than required by national regulations in force in EU Member States		-	

### 9. Declaration:

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 manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Tracy Woods – Authorized Representative  
Geosynthetics Factory Code 1

