Tensar Declaration of Performance
Tensar UX2300 Geogrid

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1) Unique identification code of the product type:
UX2300

2) Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):
Geogrid UX2300 – Batch number is provided on the product packaging

3) Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:
For use in construction of earthworks, foundations and retaining structures, reservoirs and dams, canals, solid waste disposal and liquid waste containment.
Intended use: Reinforcement

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

Manufactured in Factory A	**Manufactured in Factory B**
Tensar Manufacturing Limited	**Tensar Geosynthetics (China) Limited**
Sett End Road West	**289 Checheng Avenue**
Shadsworth Business Park	**Wuhan Economics Development Zone**
Blackburn	**Hanyang District**
BB1 2PU	**Wuhan**
United Kingdom	**China 430056**
Tel: **+44 (0) 1254 262431**	Tel: **+86 27 8423 6370**
Fax: **+44 (0) 1254 266867**	Fax: **+86 27 8423 6381**
E-mail: **sales@tensar.co.uk**	E-mail: **marketing@tensar.com.cn**

5) System or systems of assessment and verification of constancy of performance of the construction product as set out in the CPR, Annex V:
System 2+
Last two digits of year of affixing CE marking – 09

6) In case of the declaration of performance concerning a construction covered by a harmonised standard:
Notified certification body KIWA No – 0799 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.

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7) Declared performance:

Performance Related Physical Properties of the Geogrid				Harmonised Technical Specification
Essential characteristic		Performance		
Product characteristic	Unit of characteristic	Declared Value	Tolerance	
Tensile Strength (EN ISO 10319)	kN/m	MD – 110,0	-10,0	
Elongation at Maximum Load (EN ISO 10319)	%	MD – 11,0	±3,0	
Static Puncture (CBR test) (EN ISO 12236) [a]	kN	NPD	NPD	
Dynamic Perforation Resistance (cone drop test) (EN ISO 13433) [a]	mm	NPD	NPD	EN13251:2000 + A1:2005 EN13254:2000 + A1:2005 EN13255:2000 + A1:2005 EN13257:2000 + A1:2005 EN13265:2000 + A1:2005
Tensile creep (EN ISO 13431)	kN/m	Long term creep rupture strength at a design life of 120 years and 10ºC in soil temperature is 45,9kN/m		
Damage During Installation (BS8006, EN ISO 10722-1)	%	Retained Strength >80%	-0	
Dangerous substances (National Regulations in force in EU Member States)		Less than required by national regulations in EU Member States		
Durability Statement (EN 13251, Annex B)				
The minimum working life is assumed to be 200 years in natural soils with a pH value between 4 and 9 and in soil temperatures less than 20ºC, when covered within 4 months. (Rep No BAM VI 33/5099/07,ERA 2006-0560)				

[a] This test is not applicable for geogrids.

8) The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer in point 4.
Signed for and on behalf of the manufacturer by:

Name: Steven Howard
Function: Quality Manager
Date of Issue: 24/11/2015

Signature: *S. Howard.*