



Acceptance Services
Network Rail
Floor 5, 40 Melton Street
London. NW1 2EE

Certificate of Acceptance

Certificate No: PA05/03529 Issue: 1 Date: 06/01/2009
Effective date: 06/01/2009 Page 1 of 4

Product:	Tenax LBO 370 bioriented extruded geogrid.
Manufacturer:	Tenax SpA Via dell'Industria 3 1 - 23897 - Vigano (LC) ITALY
UK Agent:	Tenax SpA, Geosynthetics Division Ash Road North Wrexham Industrial Estate Wrexham North Wales LL13 9JT

The product above is accepted for use on Network Rail infrastructure within the defined scope of acceptance and any specific conditions in the certificate. Failure to abide by the certificate requirements may lead to acceptance by Network Rail becoming invalid.

Scope of Acceptance

For the reinforcement of track ballast by providing confinement and lateral restraint.

Specific Conditions:

Refer to the pages which follow for the product configuration and detailed conditions of use.

Authorised by:

Andy Jones
Professional Head of Track Engineering



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SPECIFIC CONDITIONS

MANUFACTURER

Tenax SpA shall:

- Ensure that the latest relevant standards/ drawings are available and worked to, and that the product is compliant.
- Notify the Network Rail Acceptance Services:
 - Within 48 hours, of any deficiencies affecting the product quality, functionality and safety integrity of the product (including corrective action undertaken or proposed).
 - Of any intended change to the accepted product. Changes include:
 - a) a change to the product configuration (to the actual product or its application);
 - b) a variation to or addition of manufacturing locations or processes; and
 - c) a change in the name or ownership of the manufacturing company.
- Provide all documentation in the English (UK) language.
- Provide operating and maintenance manuals to purchasers/users of the product.
- Provide training manuals and an appropriate level of training to purchasers/users of the product.

USER CLAUSES

GENERAL

- Users of the product are responsible for ensuring compliance with the certificate conditions. If a condition is not understood guidance must be sought from Network Rail Acceptance Services.
- Each party in the Network Rail supply chain procuring and receiving the product is responsible for ensuring that it is fit for purpose and that the application of use complies with the scope of acceptance. Any product defect should be taken up immediately with the supplier. If the defect is a design or manufacturing fault likely to affect performance and/or the safe operation of the railway this shall be reported in writing to Network Rail Acceptance Services.
- Anyone becoming aware of a change to the product configuration (to the actual product or its application); and a variation to or addition of manufacturing locations or processes, should inform Network Rail Acceptance Services in writing.
- All staff required to use the equipment shall be suitably trained and, where appropriate, qualified as competent to use it.
- Products shall be maintained in accordance with the manufacturer's recommendations.
- Products shall be repaired / serviced by the manufacturer or its nominated agent only.



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PRODUCT CONFIGURATION

System or Complete Assembly

Part No.	Description	PADS No.
TENAX LBO 370	Biorientated extruded geogrid.	057/100852

ASSESSED DOCUMENTATION

Reference	Title	Date and Applies to Cert. issue No.	
Annex 1	Data sheet geogrid Tenax LBO 370 samp	Undated	1
Annex 3	ISO 9001 certificate.	Undated	1
Annex 4	CE marking declarations.	Undated	1
10/12901A	Abrasion tests report for geogrid	11/12/2007	1
10/12901B	Test report on Tenax LBO 370.	27/11/2007	1
----	Tenax v tensor LD graph	Undated	1
----	Geogrid performance specification	17/05/2008	1
----	BTTG Test Report	11/12/2008	1
----	Tenax LBO 370 Report for Full Product Acceptance.	Dec 2008	1

CERTIFICATE HISTORY

Issue Number	Date	Issue History
1	06/01/2009	First accepted for use.



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DISTRIBUTION

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