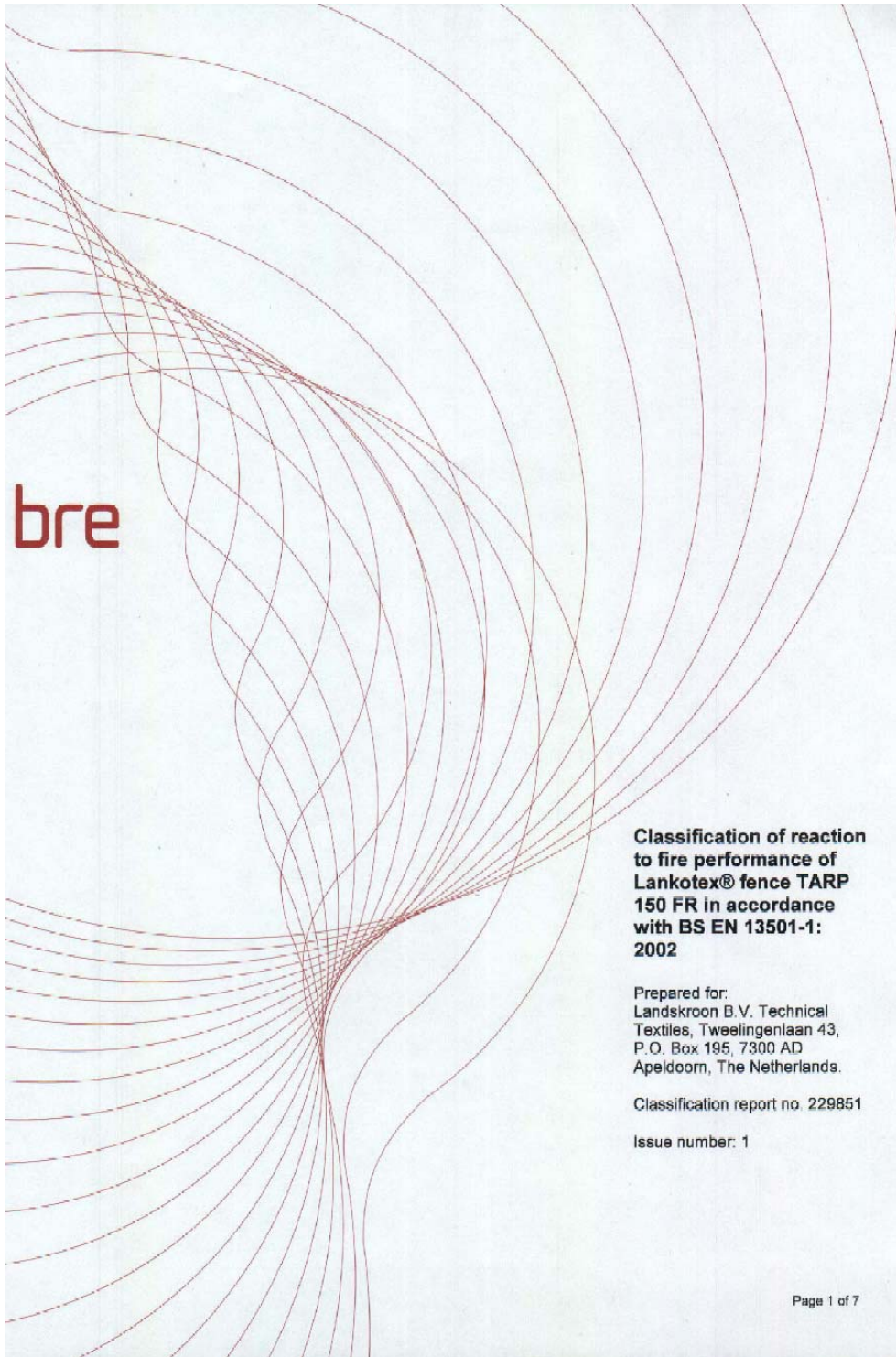


Test report

fence TARP 150 FR



bre

**Classification of reaction
to fire performance of
Lankotex® fence TARP
150 FR in accordance
with BS EN 13501-1:
2002**

Prepared for:
Landskroon B.V. Technical
Textiles, Tweelingenlaan 43,
P.O. Box 195, 7300 AD
Apeldoorn, The Netherlands.

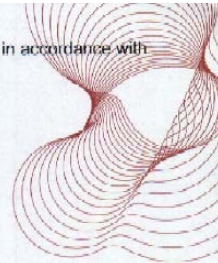
Classification report no. 229851

Issue number: 1

Test report

fence TARP 150 FR

Classification of reaction to fire performance of Lankotex® fence TARP 150 FR in accordance with
BS EN 13501-1:2002



Prepared on behalf of BRE Testing by

Name C A Rock

Position Senior Consultant

Date 4-8-06

Signature *CARock*

Approved on behalf of BRE Testing by

Name Dr D A Smith

Position Director

Date 4-8-06

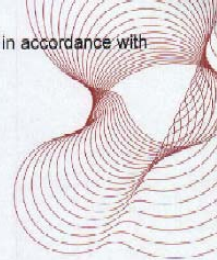
Signature *D A Smith*

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This report is made on behalf of BRE Testing. By receiving the report and action on it, the client accepts that no individual is personally liable in contract, tort or breach of statutory duty (including negligence). No third party has any right to rely on this report.

Classification of reaction to fire performance of Lankotex® fence TARP 150 FR in accordance with
BS EN 13501-1: 2002



bre

**CLASSIFICATION OF REACTION TO FIRE PERFORMANCE IN ACCORDANCE WITH
EN 13501-1: 2002**

Sponsor: Landskroon B.V. Technical Textiles, Tweelingenaan 43, P.O. Box 195,
7300 AD Apeldoorn, The Netherlands.

Prepared by: BRE Testing, BRE, Bucknalls Lane, Garston, Watford, WD26 9XX,
England

Product name: Lankotex® fence TARP 150 FR

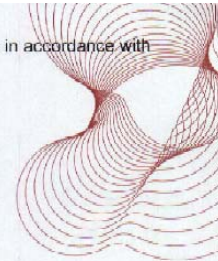
Classification report No.: 229851

Issue number: 1

Date of issue: 04 August 2008

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Classification of reaction to fire performance of Lankotex® fence TARP 150 FR in accordance with BS EN 13501-1: 2002



1 Introduction

This classification report defines the classification assigned to Lankotex® fence TARP 150 FR in accordance with the procedures given in EN 13501-1:2002.

1.1 General

The product, Lankotex® fence TARP 150 FR, is defined as building fence tarpaulin.

1.2 Product description

The product, Lankotex® fence TARP 150 FR, is fully described below or is fully described in the test reports provided in support of the classification listed in Clause 3.1.

Product description:

The product is imported by the test sponsor and traded under the Lankotex® logo. The name of the manufacturer has been declared by the test sponsor and is held on the laboratory file at BRE. The following product definition was supplied by the test sponsor.

Product Definition	
Trade name	Lankotex fence TARP 150 FR
General description	Building fence tarpaulin
Product reference number	022918
Thickness	250 micron
Density/ mass per unit area	
- mass per unit area	150 g/m ²
Exterior facing 1	
- Type	LDPE
- Thickness	35 micron
- Mass per unit area	32 g/m ²
- Colour	Black
Core material	
- Type	HDPE
- Thickness	180 micron
- Mass per unit area	87 g/m ²
- Colour	Natural/ White
Interior facing 1	
- Type	LDPE
- Thickness	35 micron
- Density	32 g/m ²
- Colour	Black
Adhesive	None declared
Flame retardant treatment used in the production of the product	Yes
Orientation aspects	None declared
Sampling Identification Reference	None declared

Test report

fence TARP 150 FR

Classification of reaction to fire performance of Lankotex® fence TARP 150 FR in accordance with BS EN 13501-1: 2002



The description of the product given above has been prepared from information provided by the test sponsor. All values quoted are nominal, unless tolerances are given. The test samples were supplied by the test sponsor. BRE Testing was not involved in the sampling process and therefore cannot comment upon the relationship between the samples supplied for test and the product supplied to market.

2 Test reports/extended application reports & test results in support of classification

2.1 Test reports/extended application reports

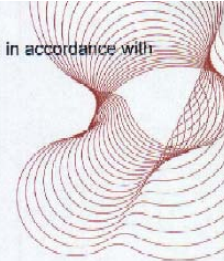
Name of Laboratory	Name of sponsor	Test reports/extended application report	Test method / extended application
BRE Testing, BRE	Landskroon B.V. Technical Textiles	229850 Revision 1	EN 13823: 2002
BRE Testing, BRE	Landskroon B.V. Technical Textiles	229126 Revision 1	EN ISO 11925-2: 2002

2.2 Test results

Test method & test number	Parameter	No. tests	Results	
			Continuous parameter - mean (m)	Compliance with parameters
BS EN 13823: 2002	FIGRA _{0.2MJ}	3	0.00 W/s	(-)
	LFS		(-)	Compliant
	THR 600s		0.13 MJ	(-)
	SMOGRA		0.0 m ² /s ²	(-)
	TSP600s		20.3 m ²	(-)
	Flaming droplets/particles ≤ 10s		(-)	Compliant
	Flaming droplets/particles > 10s		(-)	Compliant
BS EN ISO 11925-2: 2002 (Surface exposure, 30s flame application time)	F _s ≤ 150	8	(-)	Compliant
	Flaming droplets/particles		(-)	Compliant
BS EN ISO 11925-2: 2002 (Edge exposure, 30s flame application time)	F _s ≤ 150	8	(-)	Compliant
	Flaming droplets/particles		(-)	Compliant

(-) Not applicable

Classification of reaction to fire performance of Lankotex® fence TARP 150 FR in accordance with BS EN 13501-1: 2002



3 Classification and field of application

3.1 Reference of classification

This classification has been carried out in accordance with clause 10 of EN 13501-1:2002.

3.2 Classification

The product, Lankotex® fence TARP 150 FR, in relation to its reaction to fire behaviour is classified:

B

The additional classification in relation to smoke production is:

s1

The additional classification in relation to flaming droplets / particles is:

d0

The format of the reaction to fire classification for construction products excluding floorings is:

Fire Behaviour		Smoke Production			Flaming Droplets	
B	-	s	1	,	d	0

i.e. B - s1, d0

Reaction to fire classification: B - s1, d0

3.3 Field of application

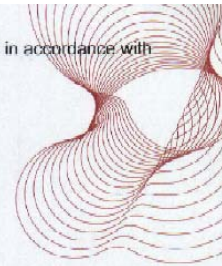
This classification is valid for the following end use applications:

- i) Building fence tarpaulin.

This classification is also valid for the following product parameters:

Thickness	No variation in thickness allowed
Colour	No variation in colour allowed
weight/unit area	No variation in weight per unit area allowed
Mounting	No substrate, ventilated air gap of at least 80 mm
Composition	No variation in composition allowed

Classification of reaction to fire performance of Lankotex® fence TARP 150 FR in accordance with
BS EN 13501-1: 2002



The classification is valid for the following substrates and air gaps:

- i) Free standing without any product immediately behind or in front of it.

4 Limitations

This classification document does not represent type approval or certification of the product.

The specification and interpretation of fire test methods are the subject of ongoing development and refinement. Changes in associated legislation may also occur. For these reasons, it is recommended that the relevance of test and classification reports over five years old should be considered by the user. The laboratory that issued the report will be able to offer, on behalf of the legal owner, a review of the procedures adopted for a particular test or classification to ensure that they are consistent with current practices, and if required may endorse the report.

The classification assigned to the product in this report is not appropriate for CE marking under the Construction Products Directive as the laboratory has played no part in sampling the products for test and holds no information relating to the manufacturer's factory production control.

=====REPORT ENDS=====