

Fire Approval Certificate

Certificate Number : SAS/F96/379

Issue Date : 16 July 1996

Expiry Date : 15 July 2001

Product : FIRE RESISTING MATERIAL - TYPE "BARRISOL STRETCH CEILING SYSTEM"

Producer : Stretch Ceilings (UK) Ltd.
Whitenail Farm Lane
Virginia Water
Surrey GU25 4DA,
United Kingdom

Place of Production : Normalu SA
68680 Kembs
France

Standard complied with : IMO Resolution A.653(16)

Test Report : Warrington Fire Research, Warrington, United Kingdom, Test Report WARRES No. 67339 dated 21 June 1996.

This is to certify that the product manufactured in strict conformity with the prototype described in the above test report, will be accepted for compliance with the applicable Lloyd's Register's Classification Rules and Regulations and with the International Convention for the Safety of Life at Sea, (SOLAS), 1974, as amended, for use on ships and offshore installations classed with Lloyd's Register, and for use on ships and offshore installations when authorised by contracting governments to issue the relevant certificates, licences, permits, etc., as a :

MATERIAL HAVING LOW FLAME SPREAD CHARACTERISTICS



Surveyor to Lloyd's Register of Shipping

NOTICE - This certificate is subject to the terms and conditions overleaf, which form part of this certificate.



**Warres No ES123897
Summary Report
Classification of reaction to fire
performance to EN 13501-1**

1. INTRODUCTION

This document defines the reaction to fire classification of a Barrisol Stretched Ceiling product according to EN 13501-1: Fire classification of construction products and building elements, Part 1 Classification using data from reaction to fire tests.

2. APPLICANT

The request for this classification evaluation was submitted by:

Normalu SA
Route du Sipes
68680 Kembs
France

Tel: 00 333 89 832020
Fax: 00 333 89 484595
e-mail: mail@barrisoi.com

3. PRODUCT

The product that is the subject of this consideration is a PVC sheet which is stretched across aluminium fixing rails to form a stretched ceiling of taught membrane comprising a nominally 0.2mm thick sheet with a nominal mass per unit area of 200g/m², referenced as follows:

"Barrisol Stretched Ceiling"

4. CLASSIFICATION

In accordance with the procedures given in EN 13501-1, the above product has been classified as follows:

B, s2, d0

5. FIELD OF APPLICATION

The stated performance given in this document is limited to the product listed in 3 above in the following configuration and dimensions:

Property/variation	Allowable variation from tested construction
Density	no increase, no decrease
Thickness	50% decrease, 50% increase
Colour	Any colour variation
Pattern	Any pattern variation
Finish	Satin, Matt, Lacquer, Metallic or Translucent only
Substrate	None, air only on both faces of the product
Fixing Rails	Aluminium only

6. FIRE PERFORMANCE DATA

The evidence used in support of this application is contained in the following document(s), copies of which may be obtained from the applicant:

Laboratory	Document Reference No	Test Description	Test Date	Sponsor
WFRC	WARRES 119757	EN 13823	28/06/01	Normalu SA
WFRC	WARRES 119876	EN 11925-2	03/07/01	Normalu SA

7. EXPIRY

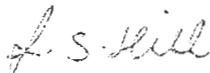
This classification document is subject to a period of validity after which it expires and cannot be used in support of claims made for the products/materials/constructions covered. The period of validity is governed by the dates of expiry of the test reports used in support of the classification, or five years, whichever is the sooner. Please refer to the notified body that produced this classification document for extending the period of validity further.

The validity for this classification is as follows:

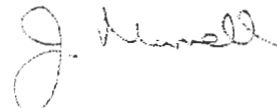
Classification Doc. No: 123897	Issued: 29-04-2002	Expires: 28-06-2006
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Note:

The format of this report is the subject of discussion within Member States of the European Union with a view to harmonisation. WFRC reserve the right to reissue this summary report should a new format be agreed.

SIGNED


Leigh Hill
Technical Officer
Technical Department

APPROVED


Janet Murrell
Technical Manager
Technical Department
on behalf of:
Warrington Fire Research Centre

Notified Body No:
1121