

Loss Prevention Certification Board



This is to certify

Recticel Insulation Products / Recticel N.V.
Enterprise Way, Meir Park, Stoke-on-Trent, ST3 7UN

Tramstraat 6, B-8560 Wevelgem, Belgium

is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix.

Roofing system incorporating Eurothane Silver and Powerdeck F
(refer to attached appendix for details)

which have complied with the requirements of the following:

LPS 1181 : - Series of Fire Growth Tests for LPCB Approval and Listing of Construction Product Systems.

Part 1: Issue 1 - Requirements and Tests for built-up cladding and sandwich panel systems for use as the external envelope of buildings.

Certificate No. 968a

Issue No. 1

Date of Issue 19 January 2010

This certificate is valid until withdrawn by LPCB.
To check the validity and the authenticity of this certificate please visit our website www.RedBookLive.com or contact us.

Signed on behalf of the LPCB

Name: T Baker



LPCB is part of BRE Global Ltd., Garston, Watford WD25 9XX. Tel +44 (0)1923 664100
Fax +44 (0)1923 664603 www.RedBookLive.com

This certificate remains the property of BRE Global Ltd and is issued subject to terms and conditions and is maintained and held in force through regular surveillance activities.

Loss Prevention Certification Board



APPENDIX TO CERTIFICATE NO. 968a

Recticel Insulation Products / Recticel N.V.

Product Name	Specification Thickness (System) (mm)	Fire Resistance (min) Integrity	Insulation	Grade	Core Material	LPCB Ref. No.
Roofing system incorporating Eurothane Silver	65 - 155	-	-	EXT-B	PIR	968a/01
Roofing system incorporating Powerdeck F	65 - 155	-	-	EXT-B	PIR	968a/02

Notes

- LPCB Ref 968a/01 Eurothane Silver Mechanically Fixed Insulated metal deck system is approved to LPS 1181-1 as a built up roof system of the following configuration:
 - Corus D35 Roof Decking (0.7mm thick) or equivalent; deck panel lap joints stitched at 400mm centres.
 - Eurothane Silver foil faced Insulation layer of rigid polyisocyanurate (PIR) boards supplied in 2.4m x 1.2m sheets (approved at 30mm to 120mm thick) the boards through fixed to deck using BS 4.8 x 130mm screws & SFS Isotak RP75 x 30 tube washers with a 183mm PVC disk sitting on top of the PIR insulation at 600mm centres
 - Weather sealed using Fatra Fatrafol 810AA (1.5mm x 1300mm) Single ply membrane having its lap joint's hot air welded in accordance with manufacturers recommendations, or equivalent single ply water proof membrane, the membrane is bonded to the 183mm PVC disks using Fatra FF855 adhesive, brush applied.
 - The roof system was tested in combination with LPCB approved PIR core wall panels.

This certificate is valid until withdrawn by LPCB.
To check the validity and the authenticity of this certificate please visit our website www.RedBookLive.com or contact us.

Signed on behalf of the LPCB

Name: T Baker

Page 2 of 3

Date of Issue 19 January 2010

Issue No. 1

LPCB is part of BRE Global Ltd., Garston, Watford WD25 9XX. Tel +44 (0)1923 664100
Fax +44 (0)1923 664603 www.RedBookLive.com
This certificate remains the property of BRE Global Ltd and is issued subject to terms and conditions and is maintained and held in force through regular surveillance activities.

Loss Prevention Certification Board



APPENDIX TO CERTIFICATE NO. 968a

Recticel Insulation Products / Recticel N.V.

2. LPCB Ref 968a/02 Powerdeck F Mechanically Fixed Insulated metal deck system is approved to LPS 1181-1 as a built up roof system of the following configuration:
- Corus D35 Roof Decking (0.7mm thick) or equivalent; deck panel lap joints stitched at 400mm centres.
 - Powerdeck F glass tissue faced Insulation layer of rigid polyisocyanurate (PIR) boards supplied in 1.2m x 0.6m sheets (approved at 30mm to 120mm thick) the boards through fixed to deck using BS 4.8 x 130mm screws & SFS Isotak RP75 x 30 tube washers with a 183mm PVC disk sitting on top of the PIR insulation at 600mm centres
 - Weather sealed using Fatra Fatrafol 810AA (1.5mm x 1300mm) Single ply membrane having its lap joint's hot air welded in accordance with manufacturers recommendations, or equivalent single ply water proof membrane, the membrane is bonded to the 183mm PVC disks using Fatra FF855 adhesive, brush applied.
 - The roof system was tested in combination with LPCB approved PIR core wall panels.

This certificate is valid until withdrawn by LPCB.
To check the validity and the authenticity of this certificate please
visit our website www.RedBookLive.com or contact us.

Signed on behalf of the LPCB

Name: T Baker

Page 3 of 3

Date of Issue 19 January 2010

Issue No. 1

LPCB is part of BRE Global Ltd., Garston, Watford WD25 9XX. Tel +44 (0)1923 664100
Fax +44 (0)1923 664603 www.RedBookLive.com

This certificate remains the property of BRE Global Ltd and is issued subject to terms and conditions
and is maintained and held in force through regular surveillance activities.