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# 1. Scope of Works / Description of Systems of Plant & Equipment



# A. & A. LAMB LIMITED

## FENCING CONTRACTORS

Walton New Road ° Upper Bruntingthorpe ° Nr Lutterworth ° Leics. LE17 5RD

Telephone: 0116 247 8396 ° Fax No: 0116 247 8876

Our company has supplied various types of fencing on the above contract. We give below details of the materials and suppliers we have used:

- 1) 2.4m high v-mex mesh fence and gates, ppc finish RAL 6005 Green.

**Supplier**

Fastline  
Unit G1, Strawberry Lane  
Willenhall  
WV13 3RS  
Tel: 07399 220651

- 2) 760mm single barrier and 1100mm high armco barrier with handrail, galvanized finish.

**Supplier**

Tata Steel  
Llanwern Works  
Newport  
South Wales  
NP19 4QZ  
Tel: 01633752113

- 3) Flexcore 6 bollards.

**Supplier**

McCue International - UK  
Mount House  
Bond Avenue  
Bletchley  
Bucks  
MK1 1SF  
Tel: 01908 365511

# A. & A. LAMB LIMITED

## FENCING CONTRACTORS

Walton New Road ° Upper Bruntingthorpe ° Nr Lutterworth ° Leics. LE17 5RD

Telephone: 0116 247 8396 ° Fax No: 0116 247 8876

4) **Broxap Appolo cycle shelters, ppc finish RAL 7016 Grey.**

**Supplier** Broxap Ltd  
Rowhurst Industrial Estate  
Chesterton  
Newcastle under Lyme  
Staffordshire  
ST5 6BD  
Tel: 01782 571780  
Fax: 01782 565357

5) **2.4m high timber closeboard fence and gates to compound.**

**Supplier** Harlow Bros Ltd  
Long Whatton

**Fence** Loughborough  
Leicestershire  
LE12 5DE  
Tel: 01509 842561  
Fax: 01509 843577

**Gates** G & B Woodworking  
Unit 1, Meadow Springs Farm  
Saddington Road,  
Shearsby  
Leicester  
LE17 6PX  
Tel: 01162478779

6) **1.8m high single sided reflective timber acoustic fence.**

**Supplier** Charles Ransford & Son Ltd  
Station Street  
Bishops Castle  
Shropshire  
SY9 5AQ  
Tel: 01588 638331  
Fax: 01588 630491



## 2. Suppliers and Manufacturers Directory



# A. & A. LAMB LIMITED

## FENCING CONTRACTORS

Walton New Road ° Upper Bruntingthorpe ° Nr Lutterworth ° Leics. LE17 5RD

Telephone: 0116 247 8396 ° Fax No: 0116 247 8876

Our company has supplied various types of fencing on the above contract. We give below details of the materials and suppliers we have used:

- 1) 2.4m high v-mex mesh fence and gates, ppc finish RAL 6005 Green.

**Supplier**

Fastline  
Unit G1, Strawberry Lane  
Willenhall  
WV13 3RS  
Tel: 07399 220651

- 2) 760mm single barrier and 1100mm high armco barrier with handrail, galvanized finish.

**Supplier**

Tata Steel  
Llanwern Works  
Newport  
South Wales  
NP19 4QZ  
Tel: 01633752113

- 3) Flexcore 6 bollards.

**Supplier**

McCue International - UK  
Mount House  
Bond Avenue  
Bletchley  
Bucks  
MK1 1SF  
Tel: 01908 365511

# A. & A. LAMB LIMITED

## FENCING CONTRACTORS

Walton New Road ° Upper Bruntingthorpe ° Nr Lutterworth ° Leics. LE17 5RD

Telephone: 0116 247 8396 ° Fax No: 0116 247 8876

4) **Broxap Appolo cycle shelters, ppc finish RAL 7016 Grey.**

**Supplier** Broxap Ltd  
Rowhurst Industrial Estate  
Chesterton  
Newcastle under Lyme  
Staffordshire  
ST5 6BD  
Tel: 01782 571780  
Fax: 01782 565357

5) **2.4m high timber closeboard fence and gates to compound.**

**Supplier** Harlow Bros Ltd  
Long Whatton

**Fence** Loughborough  
Leicestershire  
LE12 5DE  
Tel: 01509 842561  
Fax: 01509 843577

**Gates** G & B Woodworking  
Unit 1, Meadow Springs Farm  
Saddington Road,  
Shearsby  
Leicester  
LE17 6PX  
Tel: 01162478779

6) **1.8m high single sided reflective timber acoustic fence.**

**Supplier** Charles Ransford & Son Ltd  
Station Street  
Bishops Castle  
Shropshire  
SY9 5AQ  
Tel: 01588 638331  
Fax: 01588 630491



### 3. Manufacturers Information







### Standard Unit Dimensions:

Width: 2753mm  
Height (Front): 2860mm  
Height (Rear): 2150mm

### Length with Capacities:

3600mm (8 Cycles)  
4100mm (10 Cycles)  
5000mm (12 Cycles)

### Colours/Finishes:

|   |   |   |
|---|---|---|
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

The colours shown are a guide only.  
Please check a colour chart to see the actual colour.

## Product Information

The Apollo shelter comprised tubular curved end frames and a curved roof to give a sleek minimalistic design. This shelter can work as a single unit but creates a fantastic spectacle when one or more units are positioned side by side or back to back. Modular in design, the Apollo can also be linked together to create banks of shelters which allow to you accommodate almost any quantity of cycles.

## Features

- Robust modular construction featuring tubular end frames
- Heavy-duty circular uprights and box section purlins and trimmers, assembled with anti-tamper high strength bolts
- Anti-climb end frames
- Surface mounted baseplates
- Hot dipped galvanised to BS EN ISO 1461:2009
- 5mm ClearView PETg UV roof cladding
- Bream Compliant Configurations

## Materials Used

- Framework - Mild Steel
- Cladding - 4 mm PETG uv
- Fasteners - Zinc Plated
- Cover Strips - Pre-galvanized steel flat

Broxap Limited, Rowhurst Industrial Estate, Chesterton, Newcastle-under-Lyme, Staffordshire, ST5 6BD T: 01782 564411 E: info@broxap.com W: www.broxap.com

### Finish Options

- Galvanised to BS EN ISO 1461:2009
- Galvanised to BS EN ISO 1461:2009 & Polyester Powder Coated

### Weather Resistance

Cladding is UV Stabilised  
Wind resistant to 23m/s

### Fire Resistance

Cladding is fire tested to '1Y' for BS 476

### Guarantees, Warranties, Design-Life and Life-Expectancies

- 25 year structural guarantee\*
- 34 year (min) life expectancy for Hot Dip Galvanizing
- 8-10 year life expectancy on standard powder coatings
- 10-15 year life expectancy on Duplex (Zinc Coated) powder coatings
- 10 years' manufacturers guarantees\* on cladding material(s)
- 10 years' warranty\* on material (only)
- 12 months' warranty\* on parts & labour

\*Maintenance and other qualifying criteria apply

### Options

- HPS Colourcoat steel profile cladding
- Opal Roof Cladding
- Submerged Baseplates
- Powder coating to a wide range of colours
- LED or solar lighting
- Full Installation Service

#### Standard Unit Dimensions:

Width: 2753mm  
Height (Front): 2860mm  
Height (Rear): 2150mm

#### Length with Capacities:

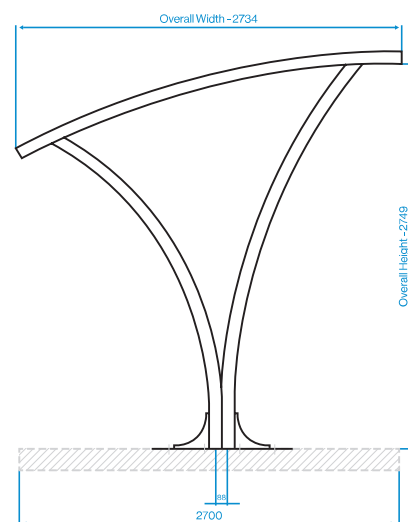
3600mm (8 Cycles)  
4100mm (10 Cycles)  
5000mm (12 Cycles)

#### Colours/Finishes:

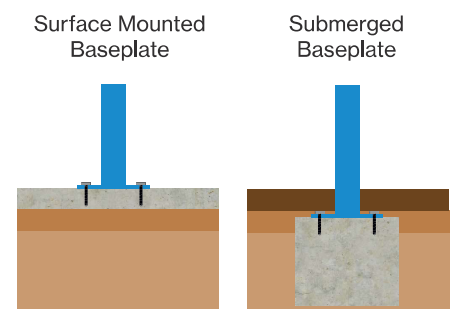
|                                |                             |                               |
|--------------------------------|-----------------------------|-------------------------------|
| Galvanised Only                | RAL 9006<br>White Aluminium | RAL 7016<br>Anthracite Grey   |
| BS 4800 10 A 07<br>Nimbus Grey | RAL 3020<br>Traffic Red     | RAL 9005<br>Jet Black         |
| BS 4800 14 C 39<br>Holly Green | RAL 1023<br>Traffic Yellow  | BS 4800 00 A 05<br>Goose Grey |
| RAL 5015<br>Mid Blue           | RAL 5013<br>Dark Blue       | RAL 9016<br>Traffic White     |

The colours shown are a guide only.  
Please check a colour chart to see the actual colour.

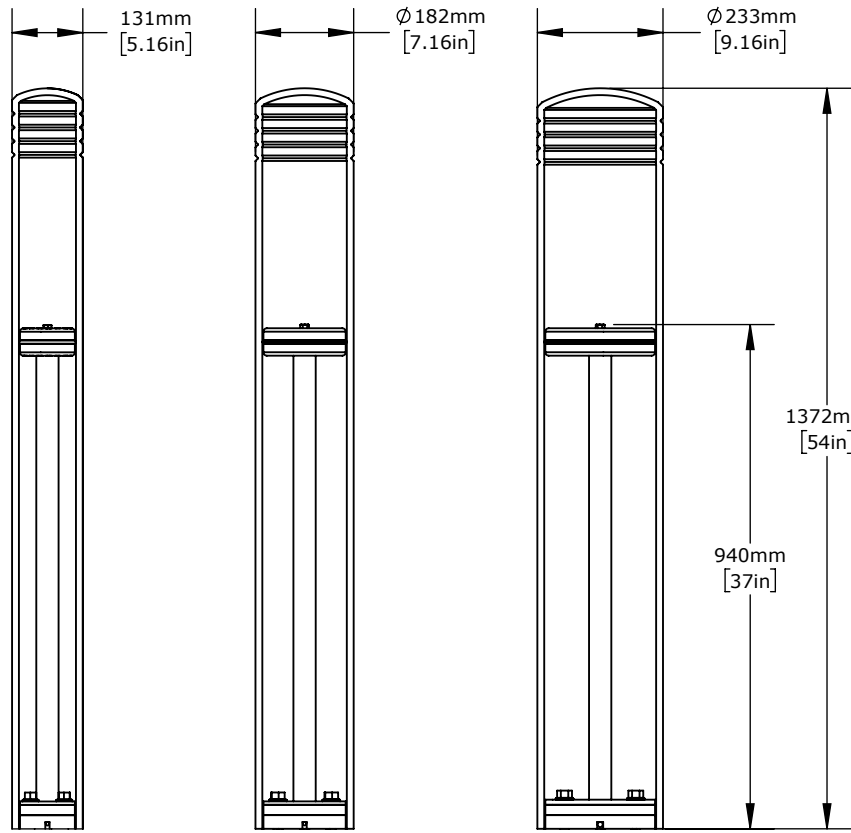
### Diagram



### Installation



Broxap Limited, Rowhurst Industrial Estate, Chesterton, Newcastle-under-Lyme, Staffordshire, ST5 6BD T: 01782 564411 E: info@broxap.com W: www.broxap.com



**FlexCore 4**

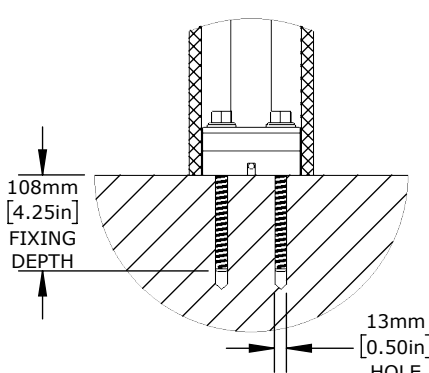
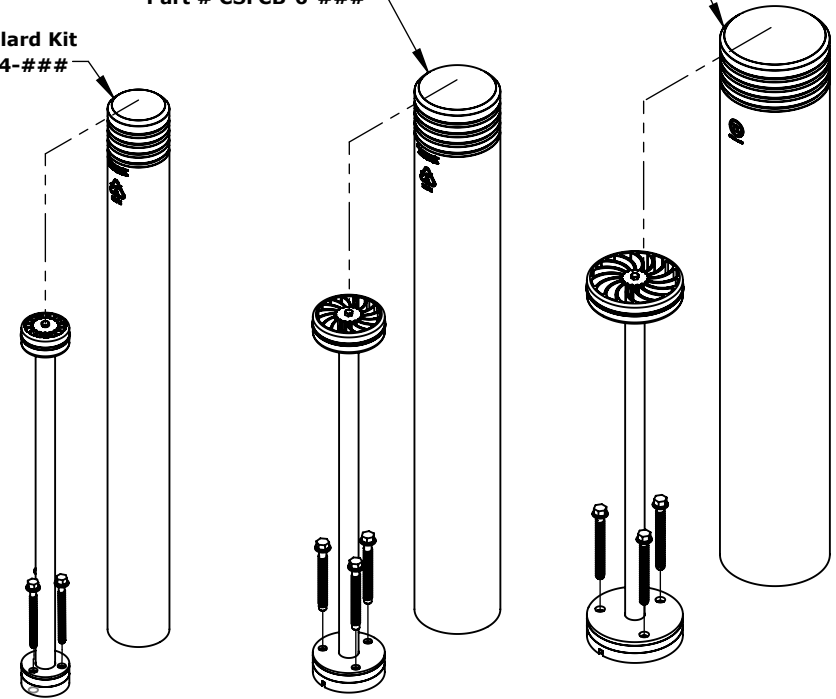
**FlexCore 6**

**FlexCore 8**

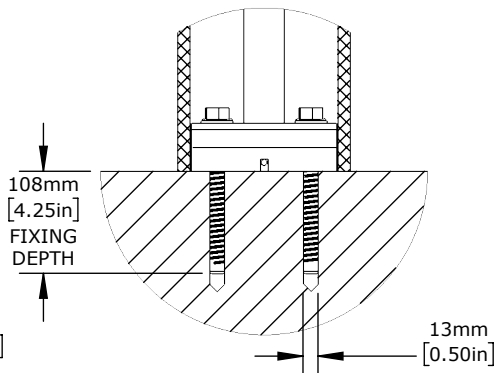
**FlexCore 4 Bollard Kit  
Part # CSFCB-4-###**

**FlexCore 6 Bollard Kit  
Part # CSFCB-6-###**

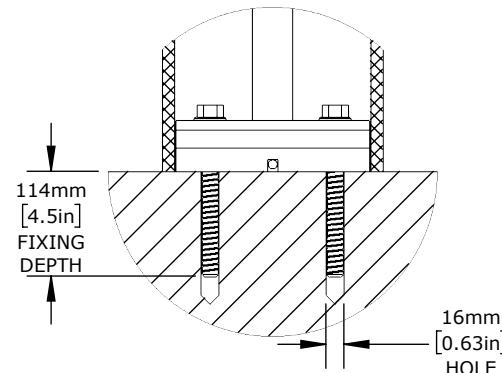
**FlexCore 8 Bollard Kit  
Part # CSFCB-8-###**



**FlexCore 4 Fixing Detail**






**FlexCore 6 Fixing Detail**



**FlexCore 8 Fixing Detail**

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|  |  |
|--|--|
| <b>FlexCore Bollard<br/>Customer Drawing</b>   |  |
|   |  |
| Peabody, MA 01960, USA<br>+1 (800) 800 8503<br><a href="mailto:customer@mc cue.com">customer@mc cue.com</a>  |  |
| Milton Keynes, United Kingdom<br>+44 (0)1908 365 511<br><a href="mailto:uksales@mc cue.com">uksales@mc cue.com</a>   |  |
| Xiamen, Fujian, China<br>+86-592-2200790   |  |
| <a href="http://mccue.com">mccue.com</a>    |  |

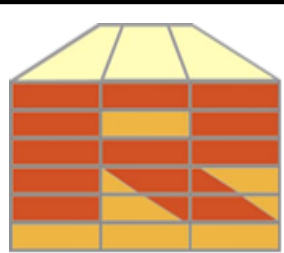
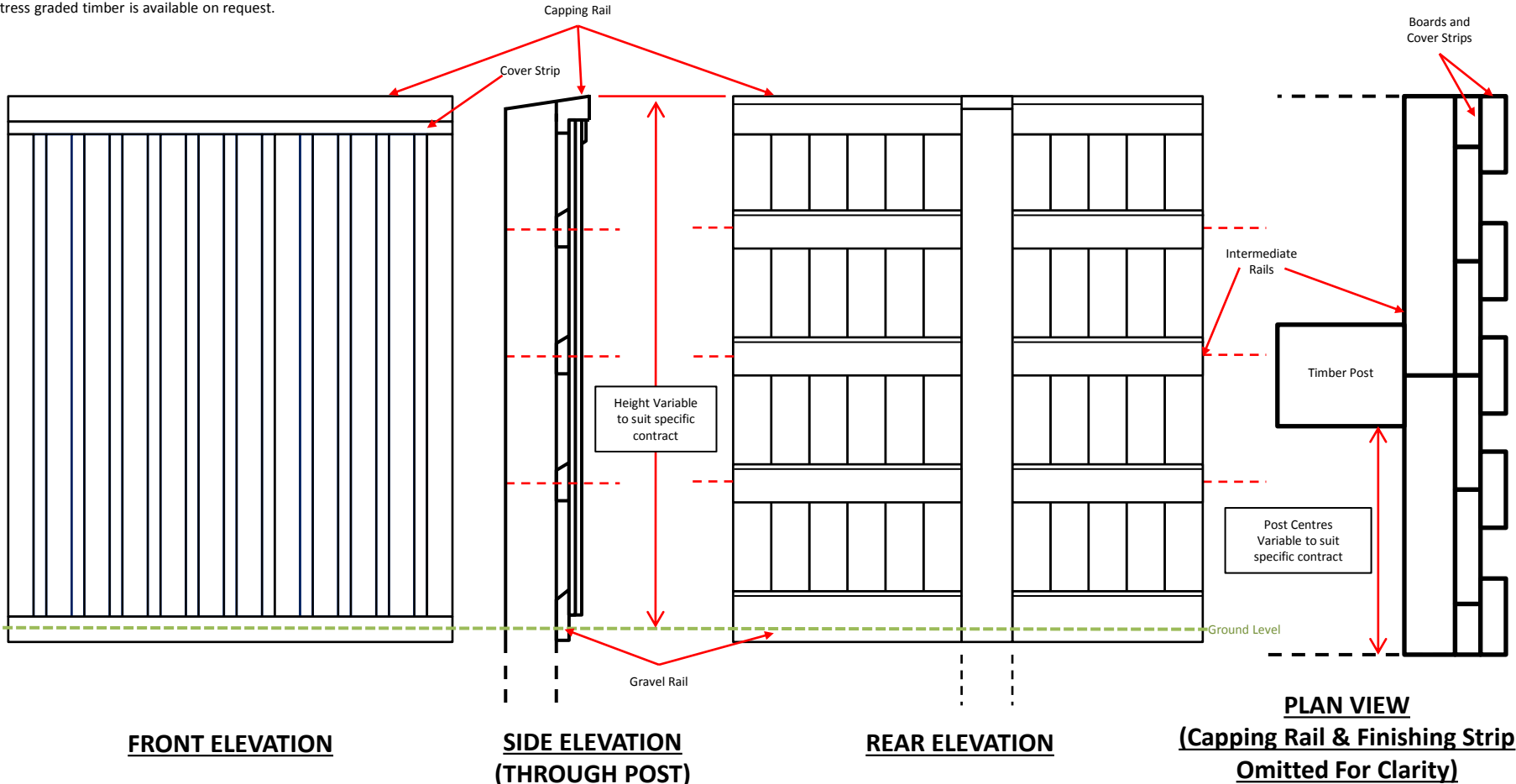
**NOTES**

Design of Screen is dependant on individual specifications and the drawing shown is for illustrative purposes only.  
 Posts are of timber construction – The exact design criteria for special structures should be specified by a professional designer and qualified for intended purpose by a structural engineer.  
 Stress graded timber is available on request.



**IMPORTANT NOTE**

Charles Ransford & Son Ltd are not attempting to pass off as designers and therefore do not take responsibility for any persons adopting this design as a structure without seeking professional advice first. Charles Ransford & Son Ltd are manufacturers and operate on the principle of supply what is ordered. It remains the clients responsibility to ensure the ordered materials are adequate and fit for purpose for the intended application



**CHARLES RANSFORD & SON**  
 TIMBERSPECIALISTS SINCE 1876

Station Street, Bishops Castle  
 Shropshire, SY9 5AQ

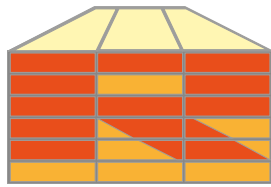
**Telephone:** 01588 638331  
**Fax:** 01588 638853  
**Email:** info@ransfords.co.uk

**NOISEWALL** /

**Noisewall**© Single Sided Reflective Timber  
 Sound Screen On Timber posts  
 (for illustration purposes only)

This Drawing is the Property of Charles Ransford & Son Ltd And May Not Be Copied Or Reproduced In Any Way Without Prior Written Permission.

|  |                       |
|--|-----------------------|
| <b>Scale:</b> Not Applicable                         |                       |
| <b>Drawn:</b> RAM                                    | <b>Date:</b> 26.08.12 |
| <b>Checked:</b> RAM                                  | <b>Date:</b> 02.09.12 |
| <b>Drawing No:</b><br>RANS/Noisewall©/Timberpost/001 |                       |



CHARLES RANSFORD & SON

TIMBERSPECIALISTS SINCE 1876

T: 01588 638331 • F: 01588 638853 • E: info@ransfords.co.uk

Issued by University of Salford (Acoustics Test Laboratory)

UKAS ACCREDITED TEST LABORATORY NO. 1262

**BS EN 1793-2 : 1998**

**Acoustics- Road traffic noise reducing devices**

**Test method for determining the acoustic performance**

**Client:** Charles Ransfords & Son Ltd  
Station St  
Bishop's Castle  
Shropshire SY9 SAO

**Object:** Noisewall® - Single Sided Reflective Barrier with Vertical Boards & Cover Strips

**Source room:**

**Volume:** 136m<sup>3</sup>

**Condition:** clean

**Type:** small reverberation room

**Location:** acoustic transmission suite

**Receiving room:**

**Volume:** 220m<sup>3</sup>

**Condition:** clean

**Type:** large reverberation room

**Location:** acoustic transmission suite

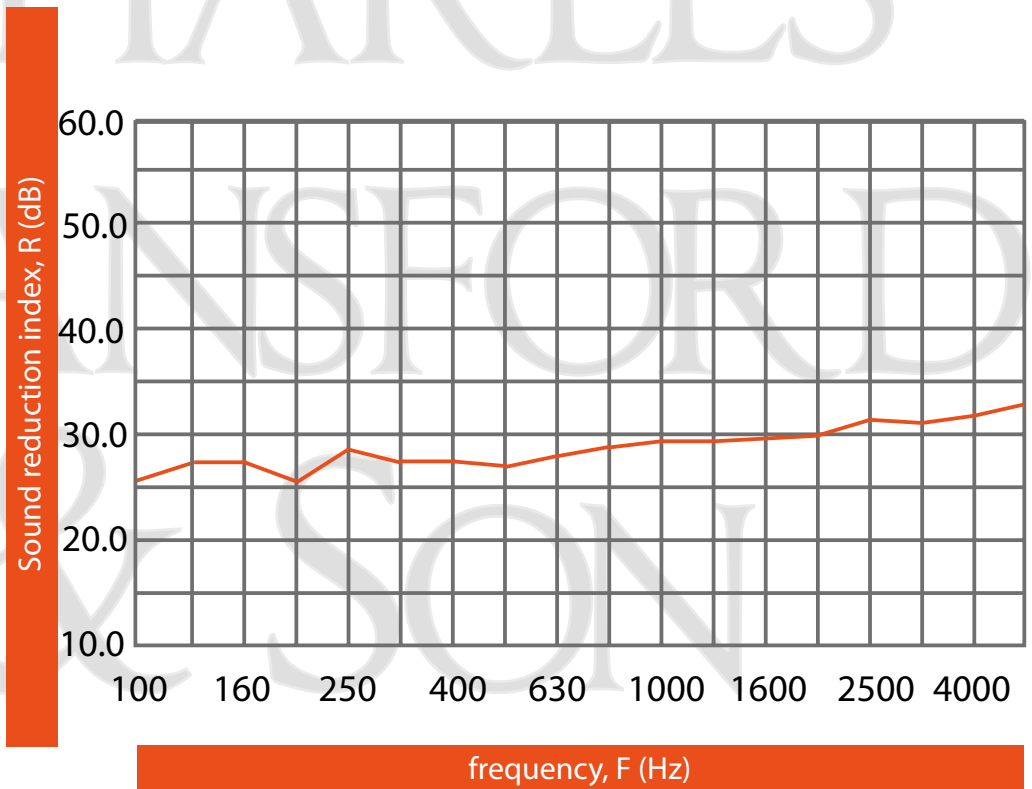
**Temperature (°C):** 21.1

**Humidity (%):** 53.4

$DL_R = 29$

**Category:** B3

| Frequency<br>Hz | R    |
|-----------------|------|
| 100             | 25.5 |
| 125             | 26.6 |
| 160             | 26.9 |
| 200             | 25.9 |
| 250             | 28.1 |
| 315             | 27.4 |
| 400             | 27.7 |
| 500             | 27.0 |
| 630             | 28.4 |
| 800             | 28.8 |
| 1000            | 29.1 |
| 1250            | 29.0 |
| 1600            | 29.4 |
| 2000            | 30.0 |
| 2500            | 32.1 |
| 3150            | 31.8 |
| 4000            | 32.6 |
| 5000            | 33.0 |



**Test reference number:** 44-18

**Date:** 17/06/10



## 4. As Built Drawings

N/A





## 5. Testing & Commissioning Results and Certificates

N/A





## 6. Operation

N/A







## 7. Maintenance Procedures and Planned Maintenance



A.&A. LAMB LIMITED  
FENCING CONTRACTORS

## Cleaning and Maintenance Regimes

This maintenance schedule for **P23-025 Panattoni, Poyle** to be followed from PC date 16<sup>th</sup> September 2024 year on year to ensure all plant and equipment is kept within warranty.

Please keep a log of these inspections so that records can be checked should an issue arise.

Code; ✓ Blue – Recommended ✓ Red – To Maintain Warranty

| Item                      | Daily | Weekly | Monthly | 3 Months | 6 Months | 9 Months | Annually | 5 Yearly | Certificates | Regime   |
|---------------------------|-------|--------|---------|----------|----------|----------|----------|----------|--------------|--|
| Vmex Mesh Fencing & Gates |       |        |         |          |          |          | ✓        |          | N/A          | <b>Annually</b> - Best practise to visually check for cracks, damage and overall maintenance<br>Clean using lukewarm water when necessary. |
| Timber Fence & Gates      |       |        |         |          |          |          | ✓        |          | N/A          | <b>Annually</b> - Best practise to visually check for cracks, damage and overall maintenance<br>Clean using lukewarm water when necessary. |
| Shelters                  |       |        |         |          |          |          | ✓        |          | N/A          | <b>Annually</b> - Best practise to visually check for cracks, damage and overall maintenance<br>Clean using lukewarm water when necessary. |
| Armco Barrier             |       |        |         |          |          |          | ✓        |          | N/A          | <b>Annually</b> - Best practise to visually check for cracks, damage and overall maintenance<br>Clean using lukewarm water when necessary. |
| Steel Bollards            |       |        |         |          |          |          | ✓        |          | N/A          | <b>Annually</b> - Best practise to visually check for cracks, damage and overall maintenance<br>Clean using lukewarm water when necessary. |

# A. & A. LAMB LIMITED

## FENCING CONTRACTORS

Walton New Road ° Upper Bruntingthorpe ° Nr Lutterworth ° Leics. LE17 5RD

Telephone: 0116 247 8396 ° Fax No: 0116 247 8876

All fencing should be periodically checked and any damaged components repaired or replaced. If cleaning is required then this should be carried out using warm soapy water and a cloth.

Materials come with one year's defects warranty from handover date.

### 1.8.1 Planned Maintenance Strategy

| Item   | Periodical               | Weekly | Monthly | 3 Months | 6 Months | 9 Months | Annually | 5 Yearly | File – Section<br>(for further information)            |
|--|--------------------------|--------|---------|----------|----------|----------|----------|----------|--|
| Fencing, Gates, Barrier, Shelters & Bollards   | <input type="checkbox"/> |        |         |          |          |          |          |          | Winvic to fill in<br>Volume 2 Binder 3<br>Section 2.11 |
| <p>The Building Manager or other delegated person needs to be aware of the Control of Substances Hazardous to Health – <b>COSHH</b> and also the <b>CDM Regulations 2015</b> and the <b>CDM Amendments 2000</b>.</p> |                          |        |         |          |          |          |          |          |  |

### 1.8.2 Planned Cleaning Strategy

| Item   | Periodical               | Weekly | Monthly | 3 Months | 6 Months | 9 Months | Annually | 5 Yearly | File – Section<br>(for further information)            |
|--|--------------------------|--------|---------|----------|----------|----------|----------|----------|--|
| Fencing, Gates, Barrier, Shelters & Bollards   | <input type="checkbox"/> |        |         |          |          |          |          |          | Winvic to fill in<br>Volume 2 Binder 3<br>Section 2.11 |
| <p>The Building Manager or other delegated person needs to be aware of the Control of Substances Hazardous to Health – <b>COSHH</b> and also the <b>CDM Regulations 2015</b> and the <b>CDM Amendments 2000</b>.</p> |                          |        |         |          |          |          |          |          |  |



## 8. Spares Information

N/A





## 9. Guarantees and Warranties

Materials come with one year's defects warranty from handover date.





## 10. Replacement Strategy

For replacements contact:

A. & A. LAMB LIMITED  
FENCING CONTRACTORS  
Walton New Road  
Upper Bruntingthorpe  
Nr Lutterworth  
Leics.  
LE17 5RD  
Telephone: 0116 247 8396  
Fax No: 0116 247 8876





## 11. Demolition Decommissioning or Disposal

For disposal contact:  
A. & A. LAMB LIMITED  
FENCING CONTRACTORS  
Walton New Road  
Upper Bruntingthorpe  
Nr Lutterworth  
Leics.  
LE17 5RD  
Telephone: 0116 247 8396  
Fax No: 0116 247 8876

